IGE.

RECEIVED

JUL 0 6 2004

PUBLIC SERVICE COMMISSION Louisville Gas and Electric Company 220 West Main Street PO Box 32010 Louisville, Kentucky 40232

Mr. Thomas M. Dorman, Executive Director Public Service Commission of Kentucky 211 Sower Blvd. P.O. Box 615 Frankfort, Kentucky 40601

PROGRAMAD
JUL 0 1 2004

PUBLIC STRVICE COMMISSION

Re: Performance Based Ratemaking ("PBR" Case No. 97-171)

Dear Mr. Dorman:

July 1, 2004

As directed in the Commission's Order in the above-cited case dated October 26, 2001, attached are an original and four copies of the PBR quarterly activity report. This report is a summary of LG&E's activity under the PBR mechanism for the period beginning February 1, 2004 and ending April 30, 2004, including data and supporting documentation for the second quarter of PBR Year 7.

The report includes the following:

AM. Com

- 1. The non-labor related O&M costs incurred to implement the PBR mechanisms,
- 2. The results of LG&E's activity under the PBR.

If you have any questions regarding this matter, please contact Clay Murphy, Director of Gas Management, Planning and Supply at (502) 627-2424.

Respectfully,

Robert M. Conroy Manager, Rates

Attachments

A SUBSIDIARY OF LG&**ENERGY**

Activity Under LG&E's Performance-Based Ratemaking ("PBR") Mechanism February, March, and April 2004

Attached is a preliminary estimate and summary of LG&E's activity under the PBR mechanism for February, March, and April of 2004. In accordance with the Order in Case No. 2001-017 dated October 26, 2001, LG&E is making this quarterly filing.

In each of these quarterly reports, LG&E is supplying the Public Service Commission ("Commission") with information which is pertinent to the particular quarter. Also enclosed is the supporting documentation related to the PBR calculations.

General Discussion:

These results for this quarter cannot and should not be extrapolated for the remainder of the 2003/2004 PBR period. Savings may occur under the PBR in later months which may offset the expenses experienced to date.

The results shown in this filing compare the various calculated benchmarks against actual gas costs for each PBR component by month. The actual gas costs and volumes set forth herein do not correspond to the dollars and volumes actually booked and reported by LG&E as purchased gas costs for the month as reported in LG&E's Gas Supply Clause ("GSC"). The actual costs and volumes used herein reflect adjustments made to LG&E's costs and volumes, not in the month the adjustments were made and booked, but in the month for which the adjustments were applicable. As billing or volumetric adjustments occur, the results set forth herein may be modified. If they occur at all, these adjustments are not expected to be significant.

PBR—Gas Acquisition Index Factor ("GAIF") is an incentive mechanism for gas commodity costs. Under this component, LG&E benchmarks its gas commodity costs against a calculated benchmark representative of the market price of gas by using various industry-accepted price postings. Factors affecting LG&E's performance under this portion of the PBR are discussed below.

Purchasing Practices and Strategy: LG&E has sought to ensure that savings result under the PBR by (1) aggressively managing gas supplies to ensure that purchases will be made at less than applicable gas supply indices,(2) purchasing gas at capacity-constrained points at which points natural gas is typically priced at less than the referenced indices, and (3) maximizing the use of LG&E's on-system storage and off-system contract storage by accelerating or deferring injections (or withdrawals) in order to maximize savings under the PBR. LG&E has not used any financial instruments to date in pursuing its objectives under the PBR.

PBR - Transportation Index Factor ("TIF") is an incentive mechanism for pipeline transportation costs. With this component, LG&E benchmarks its pipeline transportation costs against the transportation rates filed with the Federal Energy Regulatory

Commission ("FERC") by either Texas Gas Transmission Corporation ("Texas Gas") or Tennessee Gas Pipeline Company ("Tennessee"), as applicable.

<u>Purchasing Practices and Strategy</u>: LG&E has sought to ensure that savings result under the PBR by (1) aggressively negotiating pipeline discounts, and (2) releasing pipeline capacity not required by LG&E to serve its customers. Factors affecting LG&E's performance under this portion of the PBR are discussed below.

<u>Texas Gas Transmission Corporation Rate Case</u>: The rates being charged by Texas Gas are not being billed subject to refund.

<u>Tennessee Gas Pipeline Company</u>: The rates being charged by Tennessee are not being billed subject to refund.

PBR – Off-System Sales Index Factor ("OSSIF") is an incentive mechanism for offsystem sales. LG&E may be in a position to sell natural gas or transportation services or both above cost.

Off-System Sales: LG&E made off-system sales during the reporting period because opportunities arose to generate savings and LG&E had natural gas under contract and available for sale. These off-system sales were made to entities not affiliated with LG&E.

Information Required to be Reported: As required by the Commission the following information is being supplied as a part of this filing.

<u>Preliminary Estimate of Calculated Results</u>: During PBR Year 7, LG&E achieved the following results for the first six months ended April 30, 2004:

	PBR-GAIF	PBR-TIF	PBR-OSSIF	Total
Nov. 2003	(\$662,248)	\$277,151	\$36,225	(\$348,872)
Dec.	\$2,041,353	\$357,286	\$876,526	\$3,275,165
Jan. 2004	\$159,284	\$474,815	\$138,098	\$772,197
Qtr. Subtotal	\$1,538,389	\$1,109,252	\$1,050,849	\$3,698,490
Feb.	(\$320,129)	\$279,967	\$0	(\$40,162)
Mar.	\$299,242	\$249,229	\$198,049	\$746,520
Apr.	<i>\$51,848</i>	\$392,822	\$12,175	\$456,845
Qtr. Subtotal	\$30,961	\$922,018	\$210,224	\$1,163,203
Total	\$1,569,350	\$2,031,270	\$1,261,073	\$4,861,693

The supporting calculations are enclosed with this filing.

Labor-Related and Operating and Maintenance ("O&M") Costs: The PBR mechanism requires that LG&E exclude labor-related or other expenses typically classified as O&M expenses from the determination of any savings or expenses under the PBR. LG&E is required to report on a quarterly basis any costs required to implement the PBR mechanism. Inasmuch as such costs cannot be used to offset the savings or increase expenses which might arise under the PBR, LG&E has sought to minimize these incremental costs. LG&E has not incurred any significant quantifiable costs during the period covered by this quarterly report for activity under the PBR.

pbr_quarterly_reports_psc_2 2004.doc

PBR CALCULATIONS FOR THE 6 MONTHS ENDED APRIL 30, 2004

PBR-GAIF CALCULATION OF BENCHMARK GAS COSTS ("BGC")

PBR-GAIF SUPPORTING CALCULATIONS

Column	# 4	Nov 03 Dec 03 Jan 04 Peb 04 Apr 04 Apr 04 Aug 04 Aug 04 Sep 04 Oct 04	Total	Nov 03 Dec 04 Dec 03 Dec 05 Dec 06 De
-	APV TRANSPORTED UNDER TGT RATE NNS	1,009,561 2,033,264 1,608,217 1,480,386 501,549 1,038,400 0 0 0 0 0 0	7,721,377	SAI TGT-SL \$5.5541 \$5.554174 \$5.55617 \$5.5567 \$5.266 \$5.0000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.00
2	APV TRANSPORTED UNDER TGT RATE FT	568,754 1,049,578 807,982 453,288 83,080 122,000 0 0 0	3,074,662	### APV X SAI TGT-SL (9X13) S4,145,185 \$10,581,616
က	APV TRANSPORTED UNDER OTHER TGT CAPACITY	123,712 0 0 0 0 0 0 0 0	123,712	APV X SAI (971-3) (971-3) (971-3) (971-3) 44.145.185 54.145.185 55.55.40 55.65.40 55.65.40 55.65.40 55.65.40 55.65.60 56.80.495 58.60.000 58.0000 58.00000 58.00000 58.00000 58.00000 58.00000 58.00000 58.00000 58.00000 58.00000 58.00000 58.00000 58.00000 58.00000 58.00000 58.00000 58.00000 58.00000 58.000000 58.000000 58.000000 58.0000000000
4	APV TRANSPORTED UNDER TGPL FT-A	799,737 1,663,708 1,529,273 1,279,000 669,732 0 0 0 0 0 0	5,941,450	APV x SAI (10115) (101
9	TGPL APV - OTHER	0000000000	0 17	SAI TGPL_ZO \$4.3056 \$5.3537 \$5.7389 \$5.7389 \$5.0246 \$5.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000
9	TOTAL APV FOR SYSTEM SUPPLY (1+2+3+4+5)	2,368,052 4,796,550 4,069,184 3,212,654 1,254,361 1,160,400 0 0	16,861,201	APV.x SAI (1917/17) (1717/17) \$2,316,503 \$5,805,722 \$3,806,842 \$1,428,471 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
7	TGT OR TGPL PEFDCQ		0 61	SAI TGPL-Z1 \$4.3808 \$5.527 \$6.1040 \$5.5052 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000
æ	APV - PEFDCQ= TOTAL APV FOR SYSTEM SUPPLY (6-7)	2,368,052 4,796,550 4,069,184 3,212,654 1,150,400 1,160,400 0	16.861,201	APV x SAI (12X19) \$648.372 \$1.657, 116 \$1,657, 116 \$1,083,47 \$399.265 \$50,803,47 \$50,8
6	TGT ZONE SL 39.72% (C. 8 X SZFQE%)	940,591 1,905,190 1,616,279 1,276,066 498,232 460,911 0 0 0	6,697,269	DAI 1GT OR TGPL \$4.8691 \$5.9442 \$5.9442 \$5.6013 \$5.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000
10	ALLOCATION OF, TGT ZONE 1 31.31% (C. 8 X SZFQE%)	741,437 1,501,800 1,274,062 1,005,882 383,740 383,740 0 0 0	5,279,242	APV × DAI APV × DAI (7 × 77) (7 × 77) (8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
11	ALLOCATION OF APV ACCORDING TO SZFGE% TGT ZONE 1 TGPL ZONE 0 TG 31.31% 22.72% C. 8. X.SZFGE%) (C. 8. X.SZFGE%) (C. 8. X.	538 021 1,089,776 924,519 772,915 284,991 263,643 0 0	3,830,865	TOTAL BMGCC \$10.382.392 \$26.415,415 \$24.504,451 \$17.582.390 \$6.402.258 \$6.402.258 \$6.402.268 \$6.402
12	ZFQE% TGPL ZONE 1 6.25% (C. 8 X SZFQE%)	148 003 299,784 224,324 200,391 78,398 72,525 0 0 0	1,053,825	

PBR-GAIF CALCULATION OF ACTUAL GAS COSTS ("AGC")

LOUISVILLE GAS AND ELECTRIC COMPANY GAS ACQUISITION INDEX FACTOR - CALCULATION OF AGC

10 COST OF GAS	TRANSPORTED UNDER OTHER TGPL CAPACITY	S S S S S	8 8 8 8 8 8 8	9	
6 A	TRANSPORTED UNDER OTHER TGPL CAPACITY	0000		0	
8 COST OF GAS TRANSPORTED	UNDER LG&E'S TGPL RATE FT-A	\$3,435,847 \$8,791,996 \$8,721,243 \$6,607,543	0\$ 0\$ 0\$ 0\$ 0\$	\$30,876,759	
7 APV TRANSPORTED	UNDER LG&E'S TGPL RATE FT-A	799,737 1,663,708 1,529,273 1,279,000	75. 0 0 0 0	5,941,450	
6 COST OF GAS	TRANSPORTED UNDER OTHER TGT CAPACITY	\$0 \$0 \$716,138		\$716,138	
5 APV	TRANSPORTED UNDER OTHER TGT CAPACITY	0 0 123,712 0		123,712	
4 COST OF GAS	TRANSPORTED UNDER LG&E'S TGT RATE FT	\$2,456,751 \$5,041,408 \$4,839,307 \$2,542,298	\$410,540 \$711,240 \$6 \$6 \$6 \$6 \$6 \$6	\$16,007,650	
3 APV	TRANSPORTED UNDER LG&E'S TGT RATE FT	558,754 1,049,578 807,982 453,268	05,000 122,000 0 0 0 0 0	3,074,662 13 TOTAL ACTUAL GAS COSTS	\$11,814,375 \$25,387,897 \$25,486,737 \$18,894,773 \$6,786,041 \$6,485,370 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
2 COST OF GAS	TRANSPORTED UNDER LG&E'S RATE NNS	\$4,407,296 \$9,977,868 \$9,629,679 \$8,276,370	\$5,566,840 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$40,373,321 12 2003/2004 SUPPLY RESERVATION FEES	\$1,514,481 \$1,576,625 \$1,580,370 \$1,468,562 \$533,997 \$207,290 \$0 \$0 \$0 \$0 \$0 \$6,881,325
1 APV	TRANSPORTED UNDER LG&E'S TGT RATE NNS	1,009,561 2,083,264 1,608,217 1,480,386	00.100.00.100.00.00.00.00.00.00.00.00.00	7,721,377 11 10TAL GAS COSTS (2+4+6+8+10)	\$10,299,894 \$23,811,272 \$23,906,367 \$17,426,211 \$6,272,044 \$6,278,080 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Column	,	Nov 03 Dec 03 Jan 04 Feb 04	Apr 04 May 04 Jun 04 Jul 04 Aug 04 Sep 04 Oct 04	Column	Nov 03 Dec 03 Dec 03 Jan 04 Mar 04 Mar 04 Apr 04 Aug 04 Jul 04 Aug 04 Cot 04 Oct 04

PBR-GAIF CALCULATION OF SAVINGS AND/OR EXPENSES

LOUISVILLE GAS AND ELECTRIC COMPANY CALCULATION OF SAVINGS AND EXPENSES UNDER PBR GAS ACQUISITION FACTOR ("GAIF")

e	SAVINGS/ (EXPENSES) (1 - 2)	(\$662,248) \$2,041,353 \$159,284 (\$320,129) \$299,242 \$51,848 \$6 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$1,569,350
	SAVI (EXPE (1	\$2,04 \$15 \$315 \$228 \$35	\$1,56
2	AGC FROM COL. 13	\$11,814,375 \$25,387,897 \$25,486,737 \$18,894,773 \$6,786,041 \$6,786,041 \$6,485,370 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$94,855,193
-	BGC FROM COL. 28	\$11,152,127 \$27,429,250 \$25,646,021 \$18,574,644 \$7,085,283 \$6,537,218 \$6,537,218 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$96,424,543
Column		Nov 03 Dec 03 Jan 04 Feb 04 May 04 Jun 04 Jul 04 Aug 04 Sep 04 Oct 04	Total

PBR-GAIF INDICES

PBR-GAIF INDICES TEXAS GAS – ZONE SL

LOUISVILLE GAS AND ELECTRIC CALCULATION OF SUPPLY AREA INDICES SAI (TGT-SL)

NATURAL
GAS WEEK GAS DAILY
GULF COAST AVG. TGT INSIDE FERC
ONSHORE-LA ZONE SL TGT -ZONE SL AVERAGE

\$4.4070	\$5.5541	\$6.1174	\$5.5557	\$5.2565	\$5.5496	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
\$4.4200	\$4.8100	\$6.1200	\$5.7500	\$5.1300	\$5.3400	\$0.0000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.0000
\$4.3986	\$6.0564	\$6.1347	\$5.3795	\$5.3396	\$5.6814	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
\$4.4025	\$5.7960	\$6.0975	\$5.5375	\$5.3000	\$5.6275	\$0.0000	\$0.000	\$0.0000	\$0.0000	\$0.000	\$0.000
Nov. 03	Dec. 03	Jan. 04	Feb. 04	Mar. 04	Apr. 04	May 04	Jun. 04	Jul. 04	Aug. 04	Sep. 04	Oct. 04

CALCULATION OF AVERAGE NATURAL GAS WEEK PRICE BY MONTH FOR TEXAS GAS ZONE SL

MONTHLY AVERAGE	0000 0\$	\$0.0000	\$0.000	\$0.0000	\$0.0000	\$0.000
NATURAL GAS WEEK GULF COAST ONSHORE-LA	\$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000
	05/03/2004 05/10/2004 05/17/2004 05/24/2004	06/07/2004 06/14/2004 06/21/2004 06/28/2004	07/05/2004 07/12/2004 07/19/2004 07/26/2004	08/02/2004 08/09/2004 08/16/2004 08/23/2004 08/30/2004	09/06/2004 09/13/2004 09/20/2004 09/27/2004	10/04/2004 10/11/2004 10/18/2004 10/25/2004
MONTHLY AVERAGE	\$4.4025	\$5.7960	\$6.0975	\$5.5375	\$5.3000	\$5.6275
NATURAL GAS WEEK GULF COAST ONSHORE-LA	\$4.3600 \$4.3400 \$4.5900 \$4.3200	\$4.5800 \$5.4900 \$6.4400 \$6.7200 \$5.7500	\$5.7400 \$6.6300 \$5.9600 \$6.0600	\$5.8900 \$5.5600 \$5.4400 \$5.2600	\$5.1100 \$5.2100 \$5.3600 \$5.5400 \$5.2800	\$5.5300 \$5.7300 \$5.7300 \$5.5200
	11/03/2003 11/10/2003 11/17/2003 11/24/2003	12/01/2003 12/08/2003 12/15/2003 12/22/2003 12/29/2003	01/05/2004 01/12/2004 01/19/2004 01/26/2004	02/02/2004 02/09/2004 02/16/2004 02/23/2004	03/01/2004 03/08/2004 03/15/2004 03/22/2004 03/29/2004	04/05/2004 04/12/2004 04/19/2004 04/26/2004

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR TEXAS GAS ZONE SL

JANUARY 2004	TEXAS GAS ZONE	DAY LOW HIGH AVERAGE	-	2	ന		\$ 2.7700 \$	\$ 6.3000 \$ 6.4000 \$	↔	\$ 6.4800 \$ 6.6300 \$	9 \$ 6.4200 \$ 6.4600 \$ 6.4400	10		\$ 6.8100 \$ 6.9000 \$	6.1500 \$ 6.2200 \$	\$ 6.1400 \$ 6.2200 \$	\$ 2.9500 \$	\$ 5.9300	17	18		↔	6.1100 \$ 6.1700 \$	\$ 6.1600 \$ 6.2800 \$	\$ 6.0100 \$ 6.1000	24		\$ 5.7600 \$ 5.8500 \$	\$ 5.6700 \$ 5.7300 \$	\$ 5.8300 \$ 5.8800 \$	\$ 5.9800 \$ 6.1200 \$	\$ 5.9300 \$ 6.0600	31	TOTAL \$115.4900 \$117.6300 \$116.5600	POSTINGS 19 19 19	AVERAGE \$ 6.0784 \$ 6.1911 \$ 6.1347
DECEMBER 2003	TEXAS GAS ZONE SL	DAY LOW HIGH AVERAGE	4.8700 \$	\$ 4.9700 \$ 5.0700 \$	5.4800 \$	\$ 5.4000 \$ 5.4400 \$	5.5700 \$ 5.7200	9	7	8 \$ 6.1500 \$ 6.2900 \$ 6.2200	\$ 5.9600	6.3200 \$ 6.4300	6.5900	12 \$ 6.5200 \$ 6.6100 \$ 6.5650	13	14	15 \$ 6.7000 \$ 6.7700 \$ 6.7350	16 \$ 6.5600 \$ 6.6400 \$ 6.6000	17 \$ 6.5600 \$ 6.6100 \$ 6.5850	\$ 6.4900 \$ 6.6000 \$	19 \$ 6.9300 \$ 7.0800 \$ 7.0050	20	21	\$ 6.7900 \$	\$ 6.1500 \$ 6.3100 \$	\$ 5.5700 \$ 5.8200	25	26	27	28	29 \$ 5.3600 \$ 5.5500 \$ 5.4550	\$ 5.4000 \$ 5.4400 \$	5.8400 \$ 5.9000	TOTAL \$126.0000 \$128.3700 \$127.1850	POSTINGS 21 21 21	AVERAGE \$ 6.0000 \$ 6.1129 \$ 6.0564
NOVEMBER 2003	TEXAS GAS ZONE SL	DAY LOW HIGH AVERAGE	-	2	3 \$ 3.7800 \$ 3.9000 \$ 3.8400	\$ 4.0200	3.8700 \$ 4.0500	\$ 4.4000 \$ 4.5600	\$ 4.6700 \$		თ	10 \$ 4.4600 \$ 4.5300 \$ 4.4950	4.4200	12 \$ 4.5100 \$ 4.5500 \$ 4.5300	\$ 4.6600 \$ 4.7400	\$ 4.5600 \$ 4.6100	15	16	17 \$ 4.6000 \$ 4.6800 \$ 4.6400	\$ 4.4100 \$ 4.4700	4.3300 \$ 4.3900	4.3900 \$ 4.4500	4.3200 \$ 4.3400	22	23	\$ 4.0800 \$ 4.2400 \$		\$ 4.4300 \$ 4.5800	27	28	29	30		TOTAL \$ 78.4000 \$ 79.9500 \$ 79.1750	POSTINGS 18 18 18	AVERAGE \$ 4.3556 \$ 4.4417 \$ 4.3986

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR TEXAS GAS ZONE SL

APRIL 2004	TEXAS GAS ZONE SL		\$ 5.6200 \$ 5.6800 \$	\$ 5.8200 \$ 5.8400	m		\$ 5.6700 \$ 5.7400 \$	\$ 5.8000 \$ 5.8300 \$	5.7100 \$	5.7200 \$ 5.7600	O	10		\$ 5.8000 \$ 5.8400 \$	\$ 5.8200 \$ 5.8700 \$	\$ 5.8600 \$ 5.8900 \$	\$ 5.7000 \$ 5.7300 \$	16 \$ 5.6300 \$ 5.6700 \$ 5.6500	17		\$ 2.5800 \$	5.5200 \$ 5.5600 \$	\$ 5.4300 \$ 5.4800 \$	\$ 5.4800 \$ 5.5200 \$	\$ 5.5300 \$ 5.5800	24		5.4900 \$ 5.5300 \$	\$ 5.5800 \$ 5.6000 \$	\$ 5.7800 \$ 5.8100 \$	5.7300 \$ 5.7800 \$	\$ 5.6600 \$ 5.7500		TOTAL \$118.8700 \$119.7500 \$119.3100	POSTINGS 21 21 21	AVERAGE \$ 5.6605 \$ 5.7024 \$ 5.6814
MARCH 2004	TEXAS GAS ZONE SL		\$ 5.1900 \$ 5.2300 \$	2 \$ 5.0600 \$ 5.1600 \$ 5.1100	\$ 5.3300 \$ 5.3500 \$	5.2400 \$ 5.2900 \$	\$ 5.1000 \$ 5.1400	9	7	8 \$ 5.2400 \$ 5.3200 \$ 5.2800	9 \$ 5.3800 \$ 5.3900 \$ 5.3850	10 \$ 5.2900 \$ 5.3200 \$ 5.3050	\$ 5.2800 \$ 5.3200 \$	12 \$ 5.3000 \$ 5.3100 \$ 5.3050	13	14	15 \$ 5.4700 \$ 5.4900 \$ 5.4800	16 \$ 5.5500 \$ 5.5800 \$ 5.5650	17 \$ 5.5600 \$ 5.5900 \$ 5.5750	\$ 5.5600 \$ 5.6200 \$	19 \$ 5.5800 \$ 5.6200 \$ 5.6000	20	21	22 \$ 5,4300 \$ 5,4500 \$ 5,4400	5.4300 \$ 5.4400 \$	24 \$ 5.3100 \$ 5.3300 \$ 5.3200	\$ 5.3200 \$	\$ 5.1700	27	28	29 \$ 5.0900 \$ 5.1100 \$ 5.1000	5.2100 \$ 5.2300 \$	5.4000	TOTAL \$122.4200 \$123.2000 \$122.8100	POSTINGS 23 23 23	AVERAGE \$ 5.3226 \$ 5.3565 \$ 5.3396
FEBRUARY 2004	TEXAS GAS ZONE SL	LOW	-	2 \$ 5.6800 \$ 5.7900 \$ 5.7350	5.4600	4 \$ 5.6700 \$ 5.7000 \$ 5.6850	5.7000	\$ 5.5000 \$ 5.5400		∞	9 \$ 5.3400 \$ 5.4800 \$ 5.4100	5.4300 \$	₩	5.3000 \$ 5.3600	5.3000 \$ 5.3800	14	15	16	17 \$ 5.5900 \$ 5.6500 \$ 5.6200	5.3600 \$ 5.4300	5.2900 \$ 5.3400	\$ 5.1900 \$ 5.2700		22	23 \$ 5.1400 \$ 5.1800 \$ 5.1600	\$ 5.0700	5.0800	\$ 5.0600 \$ 5.1100 \$	5.0900 \$ 5.1200	28	29			TOTAL \$ 101.6400 \$ 102.7800 \$ 102.2100	POSTINGS 19 19 19	AVERAGE \$ 5.3495 \$ 5.4095 \$ 5.3795

PBR-GAIF INDICES TEXAS GAS – ZONE 1

LOUISVILLE GAS AND ELECTRIC CALCULATION OF SUPPLY AREA INDICES SAI (TGT-Z1)

			AVERAGE	
		INSIDE FERC	TGT -ZONE 1	
	GAS DAILY	AVG. TGT	ZONE 1	
NATURAL	GAS WEEK	LOUISIANA	NORTH	

\$4.4135 \$5.5549	\$6.0899 \$5.5422	\$5.2524 \$5.5506	\$0.000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.000
\$4.4200 \$4.8300	\$6.1300 \$5.7400	\$5.1200	\$0.000	\$0.000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
\$4.3981 \$6.0286	\$6.0797 \$5.3492	\$5.3252	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.0000
\$4.4225 \$5.8060	\$6.0600 \$5.5375	\$5.3120	\$0.000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.000
Nov. 03 Dec. 03	Jan. 04 Feb. 04	Mar. 04	May 04	Jun. 04	Jul. 04	Aug. 04	Sep. 04	Oct. 04

CALCULATION OF AVERAGE NATURAL GAS WEEK PRICE BY MONTH FOR TEXAS GAS ZONE 1

MONTHLY AVERAGE	\$0.000	\$0.000	\$0.000	\$0.000	\$0.0000	\$0.000
NATURAL GAS WEEK LOUISIANA NORTH	\$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.000 \$0.000 \$0.000 \$0.000 \$0.000	\$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000
	05/03/2004 05/10/2004 05/17/2004 05/24/2004 05/31/2004	06/07/2004 06/14/2004 06/21/2004 06/28/2004	07/05/2004 07/12/2004 07/19/2004 07/26/2004	08/02/2004 08/09/2004 08/16/2004 08/33/2004	09/06/2004 09/13/2004 09/20/2004 09/27/2004	10/04/2004 10/11/2004 10/18/2004 10/25/2004
MONTHLY AVERAGE	\$4.4225	\$5.8060	\$6.0600	\$5.5375	\$5.3120	\$5.6350
NATURAL GAS WEEK LOUISIANA NORTH	\$4.3500 \$4.4100 \$4.6000 \$4.3300	\$4.6600 \$5.4500 \$6.4500 \$6.7300 \$5.7400	\$5.6500 \$6.6900 \$5.8500 \$6.0500	\$5.8600 \$5.5700 \$5.4400 \$5.2800	\$5.2300 \$5.2300 \$5.3700 \$5.5400 \$5.2900	\$5.4900 \$5.7700 \$5.7600 \$5.5200
	11/03/2003 11/10/2003 11/17/2003 11/24/2003	12/01/2003 12/08/2003 12/15/2003 12/22/2003 12/29/2003	01/05/2004 01/12/2004 01/19/2004 01/26/2004	02/02/2004 02/09/2004 02/16/2004 02/23/2004	03/01/2004 03/08/2004 03/15/2004 03/22/2004 03/29/2004	04/05/2004 04/12/2004 04/19/2004 04/26/2004

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR TEXAS GAS ZONE 1

JANUARY 2004	TEXAS GAS ZONE	DAY LOW HIGH AVERAGE	-	2			5 \$ 5.6200 \$ 5.7700 \$ 5.6950	\$ 6.3100 \$ 6.3300 \$	7 \$ 6.8700 \$ 7.0700 \$ 6.9700	\$ 6.4000 \$ 6.5500	9 \$ 6.4000 \$ 6.4600 \$ 6.4300	10		12 \$ 6.7400 \$ 6.8800 \$ 6.8100	\$ 6.0800 \$ 6.1100 \$	\$ 6.0500 \$ 6.0900 \$	5.7200 \$ 5.8300 \$	16 \$ 5.7700 \$ 6.0200 \$ 5.8950	17	18	19	20 \$ 5.3500 \$ 5.4600 \$ 5.4050	21 \$ 6.0800 \$ 6.1700 \$ 6.1250	\$ 6.1200 \$	\$ 5.9400 \$ 6.0800	24	25	\$ 5.7300 \$ 5.8000 \$	5.7200	5.8200 \$ 5.8700	29 \$ 6.0200 \$ 6.0800 \$ 6.0500	\$ 5.9000 \$ 5.9900	31	TOTAL \$114.5800 \$116.4500 \$115.5150	POSTINGS 19 19 19	AVERAGE \$ 6.0305 \$ 6.1289 \$ 6.0797
DECEMBER 2003	TEXAS GAS ZONE	DAY LOW HIGH AVERAGE	\$ 4.7800 \$ 4.8300 \$	2 \$ 5.0000 \$ 5.0400 \$ 5.0200	\$ 5.4000	5.3800 \$ 5.4100 \$	\$ 5.5900	9	7	8 \$ 6.1500 \$ 6.2600 \$ 6.2050	\$ 5.9600	6.3200 \$ 6.3600	11 \$ 6.6300 \$ 6.7600 \$ 6.6950	6.5300	13	14	15 \$ 6.7000 \$ 6.7300 \$ 6.7150		6.5700	\$ 6.5500 \$ 6.6300 \$	\$ 7.0000	20	21	\$ 6.6900 \$ 6.8300 \$	\$ 6.1500 \$ 6.2600 \$	\$ 5.3200 \$ 5.4300	25	26	27	28	29 \$ 5.4000 \$ 5.4900 \$ 5.4450	\$ 5.3800 \$ 5.4200 \$	31 \$ 5.8600 \$ 5.9000 \$ 5.8800	TOTAL \$125.9200 \$127.2800 \$126.6000	POSTINGS 21 21 21	AVERAGE \$ 5.9962 \$ 6.0610 \$ 6.0286
NOVEMBER 2003	TEXAS GAS ZONE	DAY LOW HIGH AVERAGE	-	2	\$ 3.8000 \$ 3.9100	\$ 4.0500	\$ 3.9100 \$ 4.0200		4.7300	80	6		\$ 4.3900	\$ 4.5400 \$ 4.5500 \$	\$ 4.7000	\$ 4.5800 \$ 4.6100	15	16	4.6300 \$ 4.7200 \$	\$ 4.3800 \$ 4.4000 \$	\$ 4.3800 \$ 4.3900 \$	\$ 4.4100 \$	\$ 4.3200 \$ 4.3400	22		\$ 4.2400 \$	\$ 4.5400 \$ 4.5700 \$	\$ 4.5100 \$ 4.5400	27	28	29	30		TOTAL \$ 78.7600 \$ 79.5700 \$ 79.1650	POSTINGS 18 18 18	AVERAGE \$ 4.3756 \$ 4.4206 \$ 4.3981

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR TEXAS GAS ZONE 1

APRIL 2004	TEXAS GA	DAY LOW HIGH AVERAGE	\$ 2.6000 \$	\$ 5.7800 \$ 5.8000 \$	က		\$ 5.6400 \$ 5.6800 \$	\$ 5.7800 \$ 5.8100 \$	\$ 2.6600 \$ 5.6700 \$	\$ 5.7100 \$ 5.7400	ത	10		\$ 5.7600 \$ 5.8000 \$	\$ 5.8100 \$ 5.8300 \$	\$ 5.8700 \$ 5.9000 \$	\$ 5.6800 \$ 5.7100 \$ 5	\$ 5.6100 \$ 5.6500	17		\$ 5.5300 \$ 5.5600 \$	\$ 5.5100 \$ 5.5200 \$	\$ 5.4400 \$ 5.4500 \$	\$ 5.4700 \$ 5.4800 \$	\$ 5.5300	24	1	\$ 5.4700 \$ 5.5000 \$	5.5600 \$ 5.5900 \$	\$ 5.7600 \$ 5.7900 \$	\$ 5.6800 \$ 5.7100 \$	5.6500 \$ 5.7100		TOTAL \$118.5000 \$119.0800 \$118.7900	POSTINGS 21 21 21	AVERAGE \$ 5.6429 \$ 5.6705 \$ 5.6567
MARCH 2004	AS GAS ZONE	DAY LOW HIGH AVERAGE	1 \$ 5.1600 \$ 5.2200 \$ 5.1900	2 \$ 5.0900 \$ 5.1400 \$ 5.1150	5.2900 \$ 5.3300 \$	\$ 5.2400 \$ 5.2800 \$	5.0900	9	7	\$ 5.2000 \$ 5.2800 \$		5.2700 \$ 5.3000 \$	5.2800 \$ 5.2900 \$	12 \$ 5.2900 \$ 5.3200 \$ 5.3050	13	14	15 \$ 5.4400 \$ 5.5100 \$ 5.4750		5.5500 \$ 5.5700	5.5700	5.5800 \$ 5.6000	20	21	22 \$ 5.4100 \$ 5.4400 \$ 5.4250	\$ 5.4200 \$ 5.4400 \$	5.2800 \$ 5.3200 \$	5.3200 \$			28	29 \$ 5.0900 \$ 5.1200 \$ 5.1050	\$ 5.1700 \$ 5.1900 \$	5.3900	TOTAL \$122.0500 \$122.9100 \$122.4800	POSTINGS 23 23 23	AVERAGE \$ 5.3065 \$ 5.3439 \$ 5.3252
FEBRUARY 2004	TEXAS GAS ZONE 1	DAY LOW HIGH AVERAGE	-	2 \$ 5.6500 \$ 5.7400 \$ 5.6950	5.4300 \$ 5.4700 \$	\$ 5.6300 \$ 5.6800 \$	\$ 5.7000 \$ 5.7400	\$ 5.4900 \$		- 00	9 \$ 5,3300 \$ 5,4800 \$ 5,4050	\$ 5.4200 \$	5.4100 \$ 5.4800	5.3100 \$	13 \$ 5.2800 \$ 5.3000 \$ 5.2900	14	5	16	17 \$ 5.5600 \$ 5.6300 \$ 5.5950	\$ 5.3000 \$	\$ 5.2200 \$ 5.2500 \$	\$ 5.1700 \$ 5.2100 \$; Z		\$ 5.0400 \$ 5.0800	25 \$ 5.0200 \$ 5.0400 \$ 5.0300	\$ 5.0400 \$ 5.0800	\$ 5.0600 \$ 5.1100 \$		28	ì		TOTAL \$ 101.1100 \$ 102.1600 \$ 101.6350	POSTINGS 19 19 19	AVERAGE \$ 5.3216 \$ 5.3768 \$ 5.3492

PBR-GAIF INDICES TENNESSEE – ZONE 0

LOUISVILLE GAS AND ELECRIC COMPANY CALCULATION OF SUPPLY AREA INDICES SAI (TGPL-Z0)

		AVERAGE	\$4.3056	\$5.3537	\$5.7389	\$5.2182	\$5.0846	\$5.4182	\$0.0000	\$0.0000	\$0.000	\$0.0000	\$0.0000	\$0.0000	
	INSIDE FERC	TGPL-ZONE 0	\$4.2800	\$4.6800	\$5.8300	\$5.3200	\$4.8400	\$5.1900	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	
GAS DAILY AVG TGPL	S. CORPUS	CHRISTI	\$4.3169	\$5.8112	\$5.7018	\$5.1071	\$5.2339	\$5.5521	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	
NATURAL GAS WEEK	GULF COAST	ONSHORE - TX	\$4.3200	\$5.5700	\$5.6850	\$5.2275	\$5.1800	\$5.5125	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	
			Nov. 03	Dec. 03	Jan. 04	Feb. 04	Mar. 04	Apr. 04	May 04	Jun. 04	Jul. 04	Aug. 04	Sep. 04	Oct. 04	

CALCULATION OF AVERAGE NATURAL GAS WEEK PRICE BY MONTH FOR GULF COAST ONSHORE - TEXAS

MONTHLY AVERAGE	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
NATURAL GAS WEEK GULF COAST ONSHORE - TX	\$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000
	05/03/2004 05/10/2004 05/17/2004 05/24/2004 05/31/2004	06/07/2004 06/14/2004 06/21/2004 06/28/2004	07/05/2004 07/12/2004 07/19/2004 07/26/2004	08/02/2004 08/09/2004 08/16/2004 08/33/2004	09/06/2004 09/13/2004 09/20/2004 09/27/2004	10/04/2004 10/11/2004 10/18/2004 10/25/2004
MONTHLY AVERAGE	\$4.3200	\$5.5700	\$5.6850	\$5.2275	\$5.1800	\$5.5125
NATURAL GAS WEEK GULF COAST ONSHORE - TX	\$4.2800 \$4.2700 \$4.4800 \$4.2500	\$4.4800 \$5.2600 \$6.2000 \$6.4300 \$5.4800	\$5.5100 \$6.2900 \$5.3600 \$5.5800	\$5.4300 \$5.2800 \$5.1900 \$5.0100	\$4.9000 \$5.1200 \$5.2500 \$5.4600 \$5.1700	\$5.4200 \$5.6000 \$5.6100 \$5.4200
	11/03/2003 11/10/2003 11/17/2003 11/24/2003	12/08/2003 12/08/2003 12/15/2003 12/22/2003 12/29/2003	01/05/2004 01/12/2004 01/19/2004 01/26/2004	02/02/2004 02/09/2004 02/16/2004 02/23/2004	03/01/2004 03/08/2004 03/15/2004 03/22/2004 03/29/2004	04/05/2004 04/12/2004 04/19/2004 04/26/2004

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR TGPL - SOUTH CORPUS CHRISTI

JANUARY 2004	TGPL - S. CORPUS CHRISTI	DAY LOW HIGH AVERAGE	-	2	ო	4	5 \$ 5.2500 \$ 5.4400 \$ 5.3450		7 \$ 6.7300 \$ 6.9800 \$ 6.8550	\$ 6.2600	\$ 6.0500 \$ 6.1600	10	=======================================	\$ 6.3400 \$ 6.4600 \$	5.7200 \$	\$ 5.4000 \$ 5.6000 \$	15 \$ 5.1700 \$ 5.3900 \$ 5.2800	\$ 5.3500 \$ 5.6100	17	18	19	20 \$ 5.0000 \$ 5.2300 \$ 5.1150	\$ 5.7600 \$ 5.8400 \$	\$ 5.7700 \$ 5.8400 \$	\$ 5.3700 \$ 5.5800	24		\$ 5.3000 \$ 5.4200 \$	69	5.4800 \$ 5.5800 \$	5.7100 \$	_	31	TOTAL \$106.8000 \$109.8700 \$108.3350	POSTINGS 19 19 19	AVERAGE \$ 5.6211 \$ 5.7826 \$ 5.7018
DECEMBER 2003	TGPL - S. CORPUS CHRISTI	DAY LOW HIGH AVERAGE	1 \$ 4.6100 \$ 4.7600 \$ 4.6850	4.8000 \$ 4.9400	\$ 5,1600 \$ 5,3100	5.1700 \$ 5.2400 \$	\$ 5.3400 \$ 5.5600		7	8 \$ 5.8900 \$ 6.0500 \$ 5.9700	5.6900 \$ 5.8500 \$ 5	\$ 6.0800 \$ 6.2100 \$	6.3100 \$ 6.5700	6.2400 \$ 6.4400	13	14	15 \$ 6.4300 \$ 6.5300 \$ 6.4800	16 \$ 6.3600 \$ 6.4500 \$ 6.4050	6.3100 \$ 6.3600	\$ 6.2600 \$	0009'9	20	21	\$ 6.4400 \$ 6.5600 \$	\$ 5.9200 \$ 6.0400 \$	\$ 5.1400 \$ 5.2600	25	26	27	28	29 \$ 5.0600 \$ 5.2900 \$ 5.1750	\$ 5.1900 \$ 5.3100 \$	31 \$ 5.5900 \$ 5.6600 \$ 5.6250	TOTAL \$120.5900 \$123.4800 \$122.0350	POSTINGS 21 21 21	AVERAGE \$ 5.7424 \$ 5.8800 \$ 5.8112
NOVEMBER 2003	TGPL - S. CORPUS CHRISTI	DAY LOW HIGH AVERAGE	-	2		\$ 3.9000 \$ 4.0200 \$	3.8700	\$ 4.3700 \$ 4.4400	7 \$ 4.5200 \$ 4.7300 \$ 4.6250		ത	10 \$ 4.3600 \$ 4.4100 \$ 4.3850	11 \$ 4.2800 \$ 4.3300 \$ 4.3050	4.4100	4.6300 \$ 4.7300	14 \$ 4.4300 \$ 4.5200 \$ 4.4750	15	16	17 \$ 4.4400 \$ 4.5400 \$ 4.4900	\$ 4,3400 \$ 4,3900	4.3000	4.2800 \$ 4.3600	\$ 4.1900 \$ 4.2500	22	23	\$ 4.0300 \$ 4.1900 \$	\$ 4.4700 \$	\$ 4.3600 \$ 4.4600	27	28	23	30		TOTAL \$ 76.8000 \$ 78.6100 \$ 77.7050	POSTINGS 18 18 P	AVERAGE \$ 4.2667 \$ 4.3672 \$ 4.3169 A

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR TGPL - SOUTH CORPUS CHRISTI

APRIL 2004	ř		\$ 5.4500 \$ 5.5300 \$	\$ 5.6400 \$ 5.7000	က	,	\$ 5.4800 \$ 5.5500 \$	\$ 5.6400 \$ 5.7000 \$	\$ 2.5500 \$		6	10		\$ 5.6300 \$ 5.6800 \$	\$ 5.6700 \$ 5.7200 \$	\$ 5.7300 \$ 5.7900 \$	5.5900 \$ 5.6200 \$	16 \$ 5.5100 \$ 5.5800 \$ 5.5450	17		\$ 5.4300 \$ 5.5000 \$	\$ 5.4000 \$ 5.4600 \$	5.3600 \$ 5.3900 \$	\$ 5.3600 \$ 5.4200 \$	\$ 5.4300 \$ 5.4600	24		\$ 5.3600 \$ 5.4000 \$	\$ 5.4700 \$ 5.5200 \$	\$ 5.6700 \$ 5.7100 \$	\$ 5.6000 \$ 5.6900 \$	30 \$ 5.5400 \$ 5.5800 \$ 5.5600	TOTAL \$116.0300 \$117.1600 \$116.5950	POSTINGS 21 21 21	AVERAGE \$ 5.5252 \$ 5.5790 \$ 5.5521
MARCH 2004	TGPL - S. CORPUS CH	DAY LOW HIGH AVERAGE	\$ 0020 \$ 0000 \$	2 \$ 4.9500 \$ 5.0500 \$ 5.0000	3 \$ 5.2200 \$ 5.2500 \$ 5.2350	5.1400 \$ 5.2300 \$	\$ 4.9700 \$ 5.0000	9	7	8 \$ 5.1000 \$ 5.1900 \$ 5.1450		5.1700 \$	\$ 5.1900 \$ 5.2300 \$	12 \$ 5.2000 \$ 5.2400 \$ 5.2200	13	14	15 \$ 5.3100 \$ 5.3800 \$ 5.3450	16 \$ 5.4300 \$ 5.4700 \$ 5.4500	5.4400 \$ 5.4800	\$ 5.4200 \$ 5.5200	5.4800 \$ 5.5000	20	21	22 \$ 5.3000 \$ 5.3700 \$ 5.3350	5.3100 \$	24 \$ 5.2100 \$ 5.2700 \$ 5.2400	25 \$ 5.2200 \$ 5.2600 \$ 5.2400	\$ 5.0600 \$ 5.1300	27	28	29 \$ 4,9800 \$ 5,0600 \$ 5,0200	\$ 5.1000 \$ 5.1500 \$ 5.2600 \$ 5.3000	TOTAL \$119.7000 \$121.0600 \$120.3800	POSTINGS 23 23 23	AVERAGE \$ 5.2043 \$ 5.2635 \$ 5.2339
FEBRUARY 2004	TGPL - S. CORPUS CH	DAY LOW HIGH AVERAGE	-	2 \$ 5.2900 \$ 5.3400 \$ 5.3150	\$ 5.1300 \$ 5.2100	\$ 5,3600	\$ 5.4300 \$ 5.4800	\$ 5.2200 \$ 5.2700		. α		\$ 5.1300 \$ 5.2200 \$	\$ 5.1100 \$	5.0100 \$ 5.0800	\$ 5.0600 \$ 5.1000		51	16	17 \$ 5.2900 \$ 5.3500 \$ 5.3200	\$ 5.0200 \$ 5.0900	\$ 4.9200 \$ 5.1100	\$ 4.9400 \$ 5.0200 \$	•	22	23 \$ 4.9200 \$ 5.0100 \$ 4.9650	\$ 4.8400 \$ 4.9100	\$ 4.8400 \$ 4.8600	4.8300 \$ 4.8900	\$ 4.9000 \$ 4.9800	28	59		TOTAL \$ 96.3300 \$ 97.7400 \$ 97.0350	POSTINGS 19 19 19	AVERAGE \$ 5.0700 \$ 5.1442 \$ 5.1071

PBR-GAIF INDICES TENNESSEE – ZONE 1

LOUISVILLE GAS AND ELECTRIC COMPANY CALCULATION OF SUPPLY AREA INDICES SAI (TGPL-Z1)

AVERAGE	\$4.3808 \$5.5277	\$6.1040 \$5.5237	\$5.2214 \$5.5052	\$0.0000	\$0.0000	\$0.0000	\$0.000
INSIDE FERC TGPL-ZONE 1	\$4.3800 \$4.8200	\$6.0800	\$5.0800 \$5.2700	\$0.0000	\$0.000	\$0.000	\$0.000
GAS DAILY AVERAGE LA. ONSHORE SOUTH-500 LEG	\$4.3600 \$5.9671	\$6.1345 \$5.3337	\$5.2841 \$5.6181	\$0.000	\$0.000	\$0.0000	\$0.000
NATURAL GAS WEEK GULF COAST ONSHORE - LA	\$4.4025 \$5.7960	\$6.0975 \$5.5375	\$5.3000 \$5.6275	\$0.0000	\$0.000	\$0.000	\$0.000
	Nov. 03 Dec. 03	Jan. 04 Feb. 04	Mar. 04 Apr. 04	May 04 Jun. 04	Jul. 04	Aug. 04	Sep. 04 Oct. 04

CALCULATION OF AVERAGE NATURAL GAS WEEK PRICE BY MONTH FOR GULF COAST ONSHORE - LA

MONTHLY AVERAGE	\$0.000	\$0.000	\$0.000	\$0.000	\$0.0000	\$0.000
NATURAL GAS WEEK GULF COAST ONSHORE - LA	\$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.000 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000
	05/03/2004 05/10/2004 05/17/2004 05/24/2004	06/07/2004 06/14/2004 06/21/2004 06/28/2004	07/05/2004 07/12/2004 07/19/2004 07/26/2004	08/02/2004 08/09/2004 08/16/2004 08/23/2004 08/30/2004	09/06/2004 09/13/2004 09/20/2004 09/27/2004	10/04/2004 10/11/2004 10/18/2004 10/25/2004
MONTHLY AVERAGE	\$4.4025	\$5.7960	\$6.0975	\$5.5375	\$5.3000	\$5.6275
NATURAL GAS WEEK GULF COAST ONSHORE - LA	\$4.3600 \$4.3400 \$4.5900 \$4.3200	\$4.5800 \$5.4900 \$6.4400 \$6.7200 \$5.7500	\$5.7400 \$6.6300 \$5.9600 \$6.0600	\$5.8900 \$5.5600 \$5.4400 \$5.2600	\$5.1100 \$5.2100 \$5.3600 \$5.5400 \$5.2800	\$5.5300 \$5.7300 \$5.7300 \$5.5200
	11/03/2003 11/10/2003 11/17/2003 11/24/2003	12/01/2003 12/08/2003 12/15/2003 12/22/2003 12/29/2003	01/05/2004 01/12/2004 01/19/2004 01/26/2004	02/02/2004 02/09/2004 02/16/2004 02/23/2004	03/01/2004 03/08/2004 03/15/2004 03/22/2004 03/29/2004	04/05/2004 04/12/2004 04/19/2004 04/26/2004

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR TGPL - LA. ONSHORE SOUTH - 500 LEG

JANUARY 2004	TGPL - LA ONSHORE SO -500 LEG DAY LOW HIGH AVERAGE	-	2	m		\$ 5.5100 \$ 5.6400 \$	\$ 6.1800 \$ 6.3200 \$	\$ 6.9300 \$ 7.0900 \$	\$ 6.3800 \$ 6.5000 \$		10	,	\$ 6.7900 \$ 6.8500 \$	\$ 6.0800 \$ 6.1800 \$	\$ 6.1200 \$ 6.1900 \$	\$ 5.7800 \$ 5.9400 \$	\$ 5.9500 \$ 6.0700	17	18		\$ 5.4600 \$ 5.6900 \$	\$ 6.0900 \$ 6.1400 \$	\$ 6.1700 \$ 6.1900 \$	\$ 5.9300 \$ 6.0900	24		\$ 5.7500 \$ 5.8800 \$	\$ 5.6700 \$ 5.7600 \$	5.8900 \$ 6.0300 \$	\$ 6.2100 \$ 6.4300 \$	\$ 6.1500	31	TOTAL \$115.4100 \$117.7000 \$116.5550	POSTINGS 19 19 19	AVERAGE \$ 6.0742 \$ 6.1947 \$ 6.1345
DECEMBER 2003	TGPL - LA ONSHORE SO500 LEG DAY LOW HIGH AVERAGE	4.6700 \$ 4.7600 \$	4.9700 \$ 5.0600 \$	5.3200 \$ 5.4100 \$	\$ 5.3400 \$ 5.3900 \$	5.5700 \$ 5.7200	9	7	8 \$ 6.0700 \$ 6.2200 \$ 6.1450	9 \$ 5.8600 \$ 5.9500 \$ 5.9050	6.2100	6.6500	6.3400	13	14	15 \$ 6.5600 \$ 6.6800 \$ 6.6200	6.5100 \$ 6.5900 \$	6.5100 \$ 6.5300 \$	6.5600 \$	19 \$ 6.8900 \$ 7.0000 \$ 6.9450	20	21	22 \$ 6.6700 \$ 6.8100 \$ 6.7400	\$ 6.0900 \$ 6.1900 \$	\$ 5.3500	25	26	27	28	29 \$ 5.3000 \$ 5.3700 \$ 5.3350	5.3000 \$ 5.3500 \$	5.7100 \$ 5.8000	TOTAL \$124.1700 \$126.4500 \$125.3100	POSTINGS 21 21 21	AVERAGE \$ 5.9129 \$ 6.0214 \$ 5.9671
NOVEMBER 2003	TGPL - LA ONSHORE SO -500 LEG DAY LOW HIGH AVERAGE	-	2	3 \$ 3.7400 \$ 3.9500 \$ 3.8450	4 \$ 3.9400 \$ 4.0200 \$ 3.9800	5 \$ 3.8900 \$ 4.0700 \$ 3.9800	\$ 4.4000	4.6700 \$ 4.7400 \$	- ∞	თ	10 \$ 4.4200 \$ 4.4800 \$ 4.4500	4.3700 \$ 4.4100 \$	4.4900 \$ 4.5000	\$ 4.6800 \$ 4.7500	\$ 4.5100 \$ 4.5600	15	16	17 \$ 4.5300 \$ 4.6000 \$ 4.5650	4.3700 \$ 4.4400		4.3400 \$ 4.3900	\$ 4.2300 \$ 4.2600	22	23	\$ 4.0100	4.4600 \$ 4.5300 \$	\$ 4.4000 \$ 4.5300	27	28	29	30		TOTAL \$ 77.7300 \$ 79.2300 \$ 78.4800	POSTINGS 18 18 18	AVERAGE \$ 4.3183 \$ 4.4017 \$ 4.3600

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR TGPL - LA. ONSHORE SOUTH - 500 LEG

APRIL 2004	TGPL - LA ONSHORE SO500 LEG DAY LOW HIGH AVERAGE	\$ 5.5100 \$ 5.6000 \$	\$ 5.7300	က		\$ 5.5700 \$ 5.6500 \$	\$ 5.7300 \$ 5.7700 \$	\$ 5.5800 \$ 5.6300 \$	\$ 5.6400 \$ 5.6900	တ	10	•	\$ 5.7100 \$ 5.7600 \$	\$ 5.7300 \$ 5.7700 \$	5.8000 \$ 5.8500 \$	\$ 5.6400 \$ 5.6800 \$	\$ 5.5700 \$ 5.6500	17		\$ 5.4900 \$ 5.5400 \$	\$ 5.4600 \$ 5.5300 \$	\$ 5.4300 \$ 5.4600 \$	\$ 5.4200 \$ 5.4600 \$	\$ 5.4900 \$ 5.5200	24		\$ 5.4200 \$ 5.4600 \$	27 \$ 5.5400 \$ 5.5900 \$ 5.5650	3007.50 \$ 0007.50 \$	5.6400 \$ 5.7200 \$	\$ 5.6100 \$ 5.6700 \$	TOTAL \$117.4400 \$118.5200 \$117.9800	POSTINGS 21 21 21	AVERAGE \$ 5.5924 \$ 5.6438 \$ 5.6181
MARCH 2004	TGPL - LA ONSHORE SO500 LEG DAY LOW HIGH AVERAGE	1 \$ 5.1100 \$ 5.1600 \$ 5.1350	\$ 5.0300 \$ 5.0800 \$	4	\$ 5.1800 \$ 5.2600 \$	\$ 5.0100 \$ 5.0700	9	7		9 \$ 5.3300 \$ 5.3800 \$ 5.3550	\$ 5.2500 \$ 5.2800 \$	5.2700 \$	\$ 5.2600 \$ 5.2800	13	14	15 \$ 5.3800 \$ 5.4700 \$ 5.4250	\$ 5.4700	5.4800 \$ 5.5200 \$	\$ 5.4800 \$ 5.5400 \$	5.5000 \$ 5.5500	20	21	22 \$ 5.3700 \$ 5.4700 \$ 5.4200	\$ 5.3400 \$ 5.4200 \$	\$ 5,2600 \$ 5,3100 \$	\$ 5.2600 \$ 5.3000 \$	\$ 5.1200	27		\$ 5.0200 \$ 5.0900 \$	30 \$ 5.1300 \$ 5.1800 \$ 5.1550 31 \$ 5.2800 \$ 5.3300 \$ 5.3050	TOTAL \$120.8500 \$122.2200 \$121.5350	POSTINGS 23 23 23	AVERAGE \$ 5.2543 \$ 5.3139 \$ 5.2841
FEBRUARY 2004	TGPL - LA ONSHORE SO -500 LEG DAY LOW HIGH AVERAGE	-	2 \$ 5.7400 \$ 5.9100 \$ 5.8250	3 \$ 5.4400 \$ 5.5200 \$ 5.4800	\$ 5.6200 \$ 5.6800	5.6600	\$ 5.4300 \$ 5.5100		∞	9 \$ 5.3400 \$ 5.4500 \$ 5.3950	\$ 5.4100 \$ 5.4600 \$	\$ 5.4000 \$ 5.4700 \$	5.2400 \$ 5.3400	\$ 5.2100 \$ 5.3000	14	15	16	5.6000	18 \$ 5.2500 \$ 5.3300 \$ 5.2900	\$ 5.2000 \$ 5.2600	\$ 5.1000 \$ 5.2100 \$	21	22	5.0600 \$ 5.1100	5.0400 \$	\$ 4.9800 \$ 5.0300	5.0100 \$ 5.0500	\$ 5.0400 \$ 5.1000	28	29		TOTAL \$ 100.5900 \$ 102.0900 \$ 101.3400	POSTINGS 19 19 19	AVERAGE \$ 5.2942 \$ 5.3732 \$ 5.3337

PBR-GAIF INDICES DELIVERY AREA INDEX ("DAI")

LOUISVILLE GAS AND ELECTRIC COMPANY CALCULATION OF SUPPLY AREA INDICES DAI (TGT-4 AND TGPL-2)

AVERAGE	\$4.8691 \$5.9442	\$6.6901	\$6.1021	\$5.6013	\$5.9962	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
INSIDE FERC DOMINION APPALACHIA	\$4.9400	\$6.5400	\$6.5100	\$5.4900	\$5.7000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
AVG. OF GAS DAILY DOMINION SOUTH POINT	\$4.8272 \$6.3426	\$6.8403	\$5.7589	\$5.6798	\$6.1686	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.000
AVG. OF NGW DOMINION SOUTH*	\$4.8400 \$6.1500	\$6.6900	\$6.0375	\$5.6340	\$6.1200	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
u	Nov. 03 Dec. 03	Jan. 04	Feb. 04	Mar. 04	Apr. 04	May 04	Jun. 04	Jul. 04	Aug. 04	Sep. 04	Oct. 04

*Formerly CNG Transmision Co. - Lebanon, Ohio

CALCULATION OF AVERAGE NATURAL GAS WEEK PRICE BY MONTH FOR DOMINION SOUTH POINT

MONTHLY AVERAGE	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.0000
NATURAL GAS WEEK DOMINION SOUTH	\$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.000 \$0.000 \$0.000 \$0.0000
	05/03/2004 05/10/2004 05/17/2004 05/24/2004 05/31/2004	06/07/2004 06/14/2004 06/21/2004 06/28/2004	07/05/2004 07/12/2004 07/19/2004 07/26/2004	08/02/2004 08/09/2004 08/16/2004 08/23/2004 08/30/2004	09/06/2004 09/13/2004 09/20/2004 09/27/2004	10/04/2004 10/11/2004 10/18/2004 10/25/2004
MONTHLY AVERAGE	\$4.8400	\$6.1500	\$6.6900	\$6.0375	\$5.6340	\$6.1200
NATURAL GAS WEEK DOMINION SOUTH	\$4.8000 \$4.8100 \$5.1100 \$4.6400	\$4.9900 \$5.9600 \$6.7700 \$6.9600	\$6.0500 \$7.0800 \$6.9200 \$6.7100	\$6.8300 \$6.0300 \$5.7600 \$5.5300	\$5.4100 \$5.5400 \$5.6600 \$5.9100 \$5.6500	\$6.0000 \$6.2800 \$6.2300 \$5.9700
	11/03/2003 11/10/2003 11/17/2003 11/24/2003	12/01/2003 12/08/2003 12/15/2003 12/22/2003 12/29/2003	01/05/2004 01/12/2004 01/19/2004 01/26/2004	02/02/2004 02/09/2004 02/16/2004 02/23/2004	03/01/2004 03/08/2004 03/15/2004 03/22/2004 03/29/2004	04/05/2004 04/12/2004 04/19/2004 04/26/2004

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR DOMINION - SOUTH POINT

JANUARY 2004	DOMINION - SOUTH P	DAY LOW HIGH AVERAGE	-	2	ю	,	\$ 5.8000 \$ 6.1200 \$	\$ 6.6500 \$ 6.7800 \$	\$ 7.2400 \$ 7.7100 \$	\$ 6.8400 \$ 7.0000 \$	9 \$ 6.8900 \$ 7.1200 \$ 7.0050	10		\$ 7.2300 \$ 7.7100 \$	\$ 6.9400 \$	7.1700 \$ 7.4900 \$	7.3900 \$		17	18		\$ 6.0500 \$ 6.2500 \$	\$ 6.6800 \$ 6.9900 \$	\$ 6.7300 \$ 6.9900 \$	\$ 6.4700 \$ 6.8300	24		\$ 6.3900 \$ 6.5500 \$	\$ 6.3200 \$ 6.4300 \$	\$ 6.4300 \$ 6.6000 \$	\$ 6.8900 \$ 7.3000 \$	\$ 7.0800 \$ 7.2600	31	TOTAL \$127.1100 \$132.8200 \$ 129.9650	POSTINGS 19 19 19	AVERAGE \$ 6.6900 \$ 6.9905 \$ 6.8403
DECEMBER 2003	DOMINION - SOUTH F	DAY LOW HIGH AVERAGE	5.2200 \$	5.5600 \$ 5.6700	3 \$ 5.9300 \$ 6.2500 \$ 6.0900	4 \$ 5.6900 \$ 5.9500 \$ 5.8200	5 \$ 5.9300 \$ 6.0500 \$ 5.9900	9	7	8 \$ 6.3600 \$ 6.5900 \$ 6.4750	9 \$ 6.2000 \$ 6.3100 \$ 6.2550	6.5400 \$ 6.6300	6.7300 \$ 7.0100	6.8000 \$ 6.9200	13	14	15 \$ 6.9600 \$ 7.0800 \$ 7.0200	\$ 6.7900 \$ 6.8700	6.7300 \$ 6.8100	18 \$ 6.6800 \$ 6.8100 \$ 6.7450	7.1500 \$ 7.4900	20	21	22 \$ 6.9600 \$ 7.1400 \$ 7.0500	\$ 6.2900 \$ 6.5700 \$	\$ 5.6800	25	56	27	28	29 \$ 5.6500 \$ 5.8200 \$ 5.7350	30 \$ 5.6200 \$ 5.7400 \$ 5.6800	6.1800	TOTAL \$131.4500 \$134.9400 \$133.1950	POSTINGS 21 21 21	AVERAGE \$ 6.2595 \$ 6.4257 \$ 6.3426
NOVEMBER 2003	DOMINION - SOUTH POINT	DAY LOW HIGH AVERAGE	-	2	3 \$ 3.9000 \$ 4.1500 \$ 4.0250	4 \$ 4.2600 \$ 4.3900 \$ 4.3250	4.4900	5.0000 \$ 5.0800	↔		o	10 \$ 5.1100 \$ 5.1900 \$ 5.1500	4.9700	12 \$ 4.9000 \$ 5.0100 \$ 4.9550	\$ 5.2000 \$ 5.3100	\$ 5,1000 \$ 5,2000 \$		16	17 \$ 5.0100 \$ 5.1400 \$ 5.0750	\$ 4.7900 \$ 4.9800	4.6600 \$ 4.7100	20 \$ 4.7400 \$ 4.8000 \$ 4.7700	\$ 4.6300 \$ 4.7300		23	\$ 4.3200 \$ 4.4900 \$	4.8600 \$ 4.9600	\$ 4.8400	27	28	29	30		TOTAL \$ 85.8200 \$ 87.9600 \$ 86.8900	POSTINGS 18 18 18	AVERAGE \$ 4.7678 \$ 4.8867 \$ 4.8272

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR DOMINION - SOUTH POINT

APRIL 2004	S - NOININOO	DAY LOW HIGH AVERAGE	\$ 6.0500 \$ 6.2300 \$	\$ 6.3300 \$ 6.4300	က		\$ 6.2700 \$ 6.4000 \$	\$ 6.3700 \$ 6.4600 \$	69	8 \$ 6.1900 \$ 6.2500 \$ 6.2200	თ	10		\$ 6.3100 \$ 6.3700 \$	\$ 6.3200 \$ 6.3500 \$	\$ 6.3300 \$ 6.3900 \$	\$ 6.1500 \$ 6.2200 \$	16 \$ 6.1100 \$ 6.1900 \$ 6.1500	17		19 \$ 5.9900 \$ 6.0400 \$ 6.0150	↔	\$ 5.9300 \$ 5.9600 \$	\$ 5.9300 \$ 5.9700 \$	\$ 5.9800 \$ 6.0200	24	25	\$ 5.8700 \$ 5.9900 \$	\$ 6.0300 \$ 6.0900 \$	\$ 6.2400 \$ 6.2800 \$	6.2800 \$	6.0800 \$ 6.1700		TOTAL \$128.7700 \$130.3100 \$129.5400	POSTINGS 21 21 21	AVERAGE \$ 6.1319 \$ 6.2052 \$ 6.1686
	NIOC TVIOC	AVERAGE	\$ 5.4950	\$ 5.4250	\$ 5.6450	\$ 5.6100	\$ 5.4350			\$ 5.6000	\$ 5.7050	\$ 5.6350	S	\$ 5.6150			\$ 5.7750	\$ 5.9150	\$ 5.9400	\$ 5.9150	\$ 5.9350			\$ 5.8350	\$ 5.8050	\$ 5.7300	\$ 5.7150	\$ 5.5000			\$ 5.4750		2.7550	\$ 130.6350	23	\$ 5.6798
MARCH 2004	DOMINION - SOUTH POINT	HIGH	5.5500	5.4900	5.6800		5.4800			5.6400	5.7300	5.6600		5.6500			5.8100	5.9700	5.9700	9700	5.9600			5.8900	5.8500	5.7700	5.7400	5.5300			5.5500		2.8200	\$ 131.6000	8	5.7217
W	DOMINION	TOW	5.4400 \$	5.3600 \$	5.6100 \$		5.3900 \$			5.5600 \$	5.6800 \$	5.6100 \$		5.5800 \$			5.7400 \$	5.8600 \$	5.9100 \$	5.8600 \$	5.9100 \$			5.7800 \$	5.7600 \$	\$ 0069.3	5.6900 \$	5.4700 \$			5.4000 \$		\$.0069.¢	\$ 129.6700 \$	8	5.6378 \$
	[DAY	←	2	ა	4	⇔	9	7	⇔ ∞	↔ თ	10 \$	11 \$	12 \$	13	4	15 \$	16 \$	17 \$	18 \$	19 \$	8	7	22	23		22 \$	\$ 92	22	88	\$ 82	\$ 00 30	31	\$ 13	gg	GE \$
																																		TOTAL	POSTINGS	AVERAGE
	TNI	AVERAGE		6.8150	9.0900	6.2450	6.2100	5.8700			5.7650	5.7400	5.7800	5.6200	5.6300				6.0300	5.7000	5.5600	5.4600			5.3950	5.3600	5.3800	5.4150	5.3550					\$ 109.4200	19	5.7589
<u>8</u>	입			↔		69					69		↔						₩	↔							↔								•	↔
FEBRUARY 2004	DOMINION - SOUTH POINT	HIGH		6.9500	6.2400	6.3200	6.2500	5.9800			5.8700	5.8000	5.8400	5.6600	5.7100				6.1100	5.7800	5.5900	5.5100			5.4300	5.4000	5.4100	5.4500	5.4000					\$ 110.7000	19	5.8263
EB.				↔	₩		↔				€>			⇔					₩	↔						49			⇔						_	↔
	DOM	LOW		6.6800	5.9400	6.1700	6.1700	5.7600			5.6600	5.6800	5.7200	5.5800	5.5500				5.9500	5.6200	5.5300	5.4100			5.3600	5.3200	5.3500		5.3100					\$ 108.1400	19	5.6916
	Ĺ		_	2	æ ⊛	4 ↔		9	7	œ	⊕ 0	10 \$		12 \$	13 \$	4	15	16	17 \$		19 \$	20 \$	<u>, </u>	22			25 \$	œ		88	ଷ			49	S	€9
	å	DAY										_	_	_	_	•	•	_	_	_	_	Ø	21	0	2	2	6	2	8	2	6			TOTAL	POSTINGS	AVERAGE

PBR-GAIF CALCULATION OF SUPPLY ZONE FIRM QUANTITY ENTITLEMENT PERCENTAGE ("SZFQEP")

LOUISVILLE GAS AND ELECTRIC COMPANY CALCULATION OF SUPPLY ZONE FIRM QUANTITY ENTITLEMENT PERCENTAGE FOR TEXAS GAS TRANSMISSION (TGT) AND TENNESSEE GAS PIPELINE COMPANY (TGPL)

COLUMN		-	2	m	4	s	9	7	80	ø	10	F	12	51	7
CONTRACTS	ZONE	NOV. 03	DEC.03	LATERAL CAPA	ACITY AND FIRM FEB. 04	MAINLINE RECEIL MAR. 04	LATERAL CAPACITY AND FIRM MAINLINE RECEIPT POINT CAPACITY JAN 04 FEB. 04 MAR. 04 APR. 04 A	MAY. 04	JUN. 04	JUL. 04	AUG. 04	SEP. 04	9CT 04	TOTAL (SUM OF COL. 1-12)	ALLOCATION PERCENTAGE:
TGT-NNS-0415	. 18 t	142,980	142,980	142,980	142,980	142,980	66,491 89.473	66,491	66,491 89,473	66,491 89,473	66,491 89,473	66,491 89,473	66,491 89,473	1,180,337	49.00% 51.00%
	TOTAL	263,453	263,453	263,453	263,453	263,453	155,964	155,964	155,964	155,964	155,964	155,964	155,964	2,409,013	100.00%
TGT-FT-6487	<u>Ŗ</u>	40,569	40,569 25,025	40,569 25,025	40,569	40,569	53,498	53,498 24,237	53,498	53,498	53,498 24,237	53,498 24,237	53,498 24,237	577,331	66.20% 33.80%
	TOTAL	65,594	65,594	65,594	65,594	65,594	25.7.77	77,735	25.77	77,735	77,735	77,735	35,77	872,115	100.00%
TGT-STF-020662		00	00	15,000	00	• •	00	00	00	00	00	0 0	0 0	15,000	100.00% 0.00%
	TOTAL	0	0	15,000	0	0	0	0	0	0	0	0	0	15,000	100.00%
TGPL-FT-A-10609	0 -	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	480,000	78.43%
	TOTAL	51,000	51,000	51,000	51,000	51,000	51,000	51,000	51,000	51,000	51,000	51,000	51,000	612,000	100.00%
COLUMN	5	\$	17	18	19	8	24								
STOAGTNOO	ANNUAL SEASONAL QUANTITY ENTITLEMENT	ZONE	ALLOCATION PERCENT (COL. 14)	TEXAS GAS SZFQE ZONE SL (C.15 x C.17)	TEXAS GAS SZFQE ZONE 1 (C.15 x C.17)	TENNESSEE SZFQE ZONE 0 (C.15 x C.17)	TENNESSEE SZFQE ZONE 1 (C.15 x C.17)								
TGT-NNS-0415	28,200,000	જ -	49.00% 51.00%	13,818,000	14,382,000										
TGT-FT-6487	16,992,000	ᅉᅮ	66.20% 33.80%	11,248,704	5,743,296										
TGT-STF-020662	465,000	ય <u>.</u>	100.00% 0.00%	465,000	0										
TGPL-FT-A-10609	9 18,615,000	0 +	78.43% 21.57%			14,599,745	4,015,255								
TOTALS	64,272,000			25,531,704	20,125,296	14,599,745	4,015,255								
SUPPLY ZONE F	SUPPLY ZONE FIRM QUANTITY ENTITLEMENT PERCENT**	TITLEMENT	PERCENT**	39.72%	31.31%	22.72%	6.25%								

* ALLOCATION PERCENTAGE EQUALS TOTAL ZONE CAPACITY UNDER EACH CONTRACT DIVIDED BY TOTAL CAPACITY UNDER EACH CONTRACT.

[&]quot;SUPPLY ZONE FIRM QUANTITY ENTITLEMENT PERCENTAGE IS CALCULATED BY DIVIDING THE TOTAL OF COL.18, 19, 20, OR 21 BY THE TOTAL OF COL.15.

PBR-TIF SUPPORTING CALCULATIONS

PBR-TIF CALCULATION OF BENCHMARK GAS TRANSPORTATION COSTS ("BMGTC")

#	TOTAL	SNS	BMGTC (4+7+17)	\$2,394,858	\$2,544,567	\$2,524,198	\$2,361,181	32,432,800	40'/67'16	8	S	\$	9	8	\$13,515,408																															
11		TOTAL S&DB	(8+12+14+	\$14,645	\$21,899	\$19,827	\$18,625	41,084	087'.*	ន	S	8	S	8	\$93,480	38				TOTAL	(28x34)	B. C.	51,130 61,646	\$823	\$169	\$250	S	\$	2 2	g.	\$6,264	52			TOTAL	(45051)	9	\$252	S	8	3 5	.	S	88	8	\$252
91			S S S S S S S S S S S S S S S S S S S	 2	S	8	S	3 8	3 5	.	S	.	S.	5	S.	z		5	ACA	ACA	CHARGE	\$0.0021	\$0.0021	\$0.0021	\$0.0021	\$0.0021	\$0.0000	\$0.0000	\$0.000 \$0.000	\$0.0000		5			ACA	CHARGE	0000	\$0.0021	\$0.0000	\$0.0000	20.000	\$0.0000	\$0.000	\$0.0000 \$0.0000	\$0.000	
\$			SASE E	8	9	g,	& :	2 5	3 5	3	S	8	8	5	\$	33		AND DIRECT R	TOTAL GRI	(19x21x31)	+ (28x32)	\$3,248	25, 78	\$2,803	\$1,438	\$2,096	\$	S	R 8	æ	\$19,024	Ş.		AND DIRECT BI	TOTAL GRI	+ (45x48)	8 8	5945	S	2	3	S	.	88	S	\$945
4			TOTAL (6x13)	\$3,132	\$5,566	7,887	2,566	51,646	50c, re	2 2	S	8 8	S	S	\$21,500	32		STRCHARGES	GRI GRI TOTAL GRI	COMM.	CHARGE	\$0.0040	20.0040	\$0.0040	\$0.0040	\$0.0040	\$0.0000	\$0.000	\$0.000 \$0.0000	\$0.000		4		SURCHARGES	GRE TOTAL GRI	CHARGE	0000.0\$	\$0.0040	\$0.000	\$0.0000	\$0.000 \$0.000	\$0.0000	\$0.000	\$0.000 \$0.000	\$0.0000	
13	BILLS	ACA	ACA	\$0.0021	\$0.0021	\$0.0021	\$0.0021	\$0.0021	\$0.0021	\$0,000	\$0,000	\$0.000	\$0.0000	\$0.000		3		A CHI ATION OF	GRI	DEMAND	CHARGE	\$0.0010	\$0.0010	\$0.0010	\$0.0010	\$0.0010	\$0.0000	\$0.0000	\$0.000 \$0.0000	\$0.0000		4		ALCULATION OF	GR	CHARGE	0000.08	\$0.0010	\$0.000	\$0.000	20000	\$0.000	\$0.000	\$0.0000 \$0.0000	\$0.0000	
12	AND DIRECT BIL	TOTAL GRI	(1x3x10) +	\$11,513	\$16,333	\$15,040	\$14,059	\$9,248	/B/'5\$	3 5	8 8	8 8	S.	S	\$71,980	8			TOTAL			8.5	3 5	8	5	8	8 8	8	88	S	8	41			TOTAL		1	3 8	.	& 1	2 2	8	æ	88	&	9
11 BMGTC	SURCHARGES	GRI TOTAL GRI	COMMODITY	\$0.0040	\$0.0040	\$0.0040	\$0.0040	\$0.0040	\$0.0040	\$0.000 \$0.000	\$0.000 P	\$0.0000	\$0.0000	\$0.0000		83			MISC &ISS	REVENUE	CREDIT	\$0.000	\$0.000	\$0.000	\$0.0000	\$0.000	\$0.0000	\$0.000	\$0.0000 \$0.0000	\$0.000		46			MISC.&ISS	CREDIT	\$0.0000	\$0.0000	\$0.000	\$0.000	0000 OS	\$0.000	\$0.0000	\$0.000 \$0.000	\$0.0000	
10 CF PORTION OF	CALCULATION OF	GR	DEMAND	•	\$0.0010	\$0.0010	\$0.0010	\$0.0010	\$0.0010	0000.04	20000	\$0.000	20.0000	\$0.000		79	OF BMOTO	TOTAL	CITY-GATE	DELIVERY	(24+28)	542,000	001,010,1	439,680	80,600	119,080	• •	•	00	0	2,983,190	45	N OF BMGTC	TOTAL	(40%45) ± DEI IVERY	(41+43)	0 6	120.000	0	0 (0		0	00	0	120,000
2. E.		TOTAL	CREDIT	0\$	9	9	<u>Q</u>	2 2	2	2 5	. 5	.	S	S.	<u> </u>	23	CHOOL TO SE	TOTAL	COMM	(23X24) +	(25X26)	\$27,638	352,24	\$21,642	\$3,772	\$6,155	8 8	S	& &	0\$	\$151,214	4	RATE STF PORTIO	TOTAL	COMM.	(42X43)	S 8	\$6.204	9	& 1	3 6	\$	S	88	Ş	\$6,204
8 9 F TEXAS GAS NO-NOTICE	מו העס העסיון	MISC	REVENUE	\$0.0000	\$0.000	\$0.0000	\$0.000	\$0.000	\$0.000	000000	\$0.000	\$0.000	\$0.000	\$0.000		56	AC TEXAS GAS DA	OF IEAMS GAS RAIE		21 CITY-GATE	DELIVERIES	78,000	90,900	222.400	90,600				00		615,700	\$	OF TEXAS GAS RA		74 CITY GATE	DELIVERIES	0 (٥ د	0	0 (o c	. 0	0	00	0	0
7 CALCHIATION OF	מרמדט		TOTAL	\$84,864	\$150,808	\$132,409	\$123,719	\$50,011	731				Ç,		\$582,542	25	- 4	Z		1						\$0.0468	\$0.000	\$0.000	000000\$	\$0.000		42	CALCULATION		74 COMM	CHARGE	\$0.000	\$0.0468	\$0.000	\$0.0000	0000	\$0.000	\$0.0000	\$0.000	\$0.000	
ယ		ITY CHARGES	CITY-GATE	1,491,481	2,650,396	2,327,054	2,174,328	878,930	15,839		• =		0	•	10,238,008	7.			OMMO	IL CITY-GATE	DELIVERIES	464,000	837,300	217,280	0	119,060	. 0	0	0 000000\$	0	2,367,490	ŧ			COMMODITY C	DELIVERIES	0 4	120.000		0 (0 0	•	0	00	0	120,000
2 3 4 5 6	SE TARIFF RATES	NNS COMMOD	CHARGE	\$0.0569	\$0.0569	\$0.0569	\$0.0569	\$0.0569	\$0.0569	0000	SO DOO	\$0.000	\$0.0000	\$0.000		g		CALCULATION OF BASE TABLEE BATES	1	SL COMM.	CHARGE	\$0.0517	\$0.0517	\$0.0517	\$0.0517	\$0.0517	\$0.000	\$0.000	\$0.000 \$0.0000	\$0.000		6		SE TARIFF RATES	SI COMMOS IS	CHARGE	\$0.000	\$0.0517	\$0.000	\$0.000	\$0.000	\$0.000	\$0.0000	\$0.0000	\$0.0000	
4	CULATION OF BA		TOTAL	\$2,295,349	\$2,371,860	\$2,371,860	\$2,218,837	52,371,860	029,802,14	3	3 S	8 8	S,	8	\$12,839,386	23		ATION OF RA		TOTAL	(19x20x21)	\$323,352	\$34,130 \$124,130	\$312,574	\$334,130	\$485,028 \$0	. 2	S	2 2	9	\$2,123,344	88		ULATION OF BAS	TOTAL	(36x37x38)	2 2	\$324,477	\$	8	3	S	8 :	2 S	&	\$324,477
e.	CALC	ND CHARGES	CONTRACT	184,900	184,900	164,900	184,900	184,900	94,440	90,00	80,000	90,00	000'09	117,020	1,438,960	24		O I V	CHARGES	ONTRACT	DEMAND	36,98	90,95	36,000	36,000	8 5 8 6	54,000	24,000	¥ ¥	54,000	558,000	88		CALC	CONTRACT	DEMAND	00	15,000		0 0		0	0 (0	15,000
2		NNS DEMA	DEMAND CHARGE	\$0.4138	\$0.4138	\$0.4138	\$0.4138	\$0.4136	\$0.4138	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000		8			FT DEMAN	DEMAND C	CHARGE	\$0.2854	SO 2004	\$0.2884	\$0.2994	\$0.2994	\$0.000	\$0.0000	\$0.0000	\$0.000		37			DEMAND C	CHARGE	\$0.000	\$0.6978	\$0.0000	\$0.000	\$0.000	\$0.0000	\$0.0000	\$0.000	\$0.000	
-		ı I		ន											366	\$			ł	•	•								5 R		366	36		1	1									5 8		366
COLUMN				NOV 03											TOTAL	COLUMN					,								SEP. 04		TOTAL	COLUMN				,								SEP. OF		TOTAL

19		TOTAL	BMCTGT)	(18+56+60)	\$2,750,235	\$2,938,264	\$3,235,866	\$2,689,123	\$2 772 474	\$1,751,170	9	S .	S	: Si	3 5	3 53	•	\$16,147,132
09	TOTAL STF	BMGTC	(39+44+	29)	0\$	S.	\$331,878	0\$	S	æ	S	. .	: 5	: 5	: 5	: 57	!	\$331,878
85	1	TOTAL S&DB		57+58)	2	8	\$1,197	2	8	S	: S	3	S	S	S	S	:	\$1,187
85				OTHER	2	S	S	Ş	Ş	S	. S	8	9	S	S	S		8
57			CASH	50	S	S	2	2	2	8	8	8	S	S	: S	: S		0 \$
99	TOTAL FT			ŝ	\$355,377	\$383,687	\$379,792	\$337,942	\$339,509	\$483,528	8	8	8	8	S	8	•	\$2,289,846
5 5	F	TOTAL S&DB	(30+33+35+	53+54)	£,386	\$7,326	\$5,897	\$3,726	\$1,607	\$2,346	8	\$	S	8	8	. S		\$25,288
3				OTHER	œ.	Ç,	<u>s</u>	<u>s</u>	S.	S	\$	S	S	2	8	2		3
53			CASH	3	\$	<u>\$</u>	9	&	9	S	ş	8	S	S	ş	S		S
COLUMN				HENOM	NOV. 03	DEC. 03	JAN. 04	FEB. 04	MAR. 04	APR. 04	MAY 04	SEN BE	JUL. 04	AUG. 04	SEP. 04	OCT. 04		TOTAL

E	TOTAL	FT-A ZN-0	(64+67+76)	\$435,773	2469.086	\$461,109	\$400,581	\$364,400	3 \$	8 8	8	S	S	\$2,612,033	8		TOTAL	FT-A ZN-1	BMGTC	(80+83+92)	\$112.970	\$112,912	\$100,022	\$105,548	0/5/ 5	. .	S	8	28	\$600,132														
92		TOTAL SEDB	75)	\$8,627	\$8.786	\$8,268	37.3	\$2,000	2 8	8 8	8	.	S	\$39,591	83			TOTAL S&DB	+06+68+58)	6	\$550 \$7.630	\$2,630	\$1,691	\$2,093	neet	3 3	S	& \$	2 2	\$10,144														
75			OTHER	S. S	2 5	: S	S	\$ \$	2 8	3 5	8 8	: S	Ç.	8	16					OTHER	8.5	2 2	8	S .:	R 5	3 3	. 23	ន	B S	9														
47			(66x73)	\$1,583	\$2,804	\$2,158	\$807	2	2 5	2 5	3	.	S	\$9,488	06					(82489)	27.50	\$716	\$383	\$531	2 5	3	8	& 3	28	\$2,356														
73		ACA	CHARGE	\$0.0021	\$0.0021	\$0.0021	\$0.0021	\$0.0021	20.0000	00000	0000	\$0.0000	\$0.0000		8		TTS	ACA	ACA	CHARGE	\$0.0021	\$0.0021	\$0.0021	\$0.0021	\$0.0021	\$0.000	\$0.000	\$0.0000	\$0.0000															
72	OF BMGTC AND DIRECT BI	TOTAL GRI			\$6,980 \$6,450							8		\$30,093	8	0.00 PM	AND DIRECT BI	TOTAL GRI	+ (79x86) +	(82x87)				\$1,562					2 2	\$7,78														
71	T-A SERVICE (ZONE 0) PORTION OF BMGTC CALCULATION OF SURCHARGES AND DIRECT BILLS	<u>8</u>	CHARGE	\$0.0040	\$0.0040	\$0.0040	\$0.0040	\$0.0040	\$0.000	00000	20000	\$0.0000	\$0.0000		28	A CITATION	F SURCHARGES	GRI	COMMODITY	CHARGE	\$0.004	\$0.0040	\$0.0040	\$0.0040	20.0040	000000	\$0.000	\$0.000	\$0:000 \$0:0000															
20	-A SERVICE (ZC	. G.	CHARGE	\$0.0500	\$0.0500	\$0.0500	\$0.0500	\$0.0500	\$0.0000			\$0.000	\$0.000		8	(F) 100 mag 4	-A SERVICE (2C	GRI	DEMAND	CHARGE	\$0.0500	\$0.0500	\$0.0500	\$0.0500	\$0.0500	\$0.000	\$0.0000	\$0.0000	\$0.0000															
89	PIPELINE F		ť		8 5									S	98		AS PIPELINE FI	TOTAL	PCB&GSR	(79x84)	8 8	3 8	8	<u>\$</u>	8 8	3 3	8	S	88	8														
89	CALCULATION OF TENNESSEE GAS	PCB. &	SURCHG	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.0000	\$0.000 000 000 000 000 000	0000 os	\$0.000	\$0.000		83 84 85 86 87 88		JE IEMNESSEE G	PCB. &	GSR	SURCHG	\$0.000	\$0.000	\$0.0000	\$0.000	\$0.0000	20.0000	\$0.000	\$0.0000	\$0.0000															
29	CALCULATION	RGES	(65x66)	\$68,746	\$109,120	\$90,440	\$33,836	& :	S :	2 5	2 5	2	8	\$398,042	8		CALCULATION	RGES	TOTAL	(81x82)	\$0 \$78.487	\$26,462	\$14,511	\$19,633	8 5	3 S	.	\$ \$	8 8	\$87,068														
99	S	OMMODITY CHA	DELIVERIES	758,481	1,240,000	1,027,728	384,495	0 (0 (9 6			0	4,523,204	82			OMMODITY CHA	CITY-GATE	DELIVERIES	341000	34,000	187,000	253,000	.		. 0	0 (00	1,122,000														
85	ION OF BASE TARIFF RATES	FT-A ZONE 0 C	CHARGE	\$0.0880	\$0.0880 \$0.0880	\$0.0890	\$0.0880	\$0.0880	\$0.000	0000	20 0000	\$0.000	\$0.000	480,000 \$2,174,400 4,523,264 \$389,642	80		ASE TARIFF RATES	FT-A ZONE 1 C	COMMODITY	CHARGE	\$0.0778	\$0.0776	\$0.0778	\$0.0776	\$0.07/6	20.000	\$0.000	\$0.0000	\$0.000															
2				\$362,400	\$382,400	\$362,400	\$362,400	\$362,400	2 8	2 5	. S	.	8	\$2,174,400	86		LCULATION OF B	MRGES	TOTAL	(78x79)	\$83,820	\$83,820	\$83,620	\$83,820	\$83,620	3 3	S	2 8	2 2	\$502,920														
63	S	FT-A ZONE 0 DEMAND CHARGE	DEMAND	000 01	0000	40,000	40,000	40,000	40,000	000.04	40.000	40,000	40,000	480,000	82		ď	NE 1 DEMAND CH	CONTRACT	DEMAND	96.	1.00	11,000	11,000	000,1	1,000	11,000	11,000	11,000	132,000		38	TOTAL	BM(TGPL)	\$516.453	\$583,986	\$577,393	\$505,675	\$448,770	Z &	: 2 :	88	2	\$3,185,030
62		H-A ZO	CHARGE	0090.6\$	29.0600	0090.6\$	\$9.0600	\$9.0800	\$0.000	0000 05	\$0,000	\$0.000	\$0.000		82			FT-A ZO	DEMAND	CHARGE	\$7,6200	\$7.6200	\$7.6200	\$7.6200	0000	\$0.000	\$0.000	\$0.000	\$0.000			ā	SADB	CASF	(\$3,680)	(\$10,010)	(\$602) (\$17.605)	(\$452)	3 8	3 8	8	88	0	(\$27,135)
COLUMN			MONTH	NOV. 03	JAN 04	FEB. 04	MAR. 04	APR. 04	5 Z	10°	AUG. 04	SEP. 04	OCT 04	TOTAL	COLUMN					HON	DEC. 03	JAN. D4	FEB. 94	MAR. 04	MAYDA	SON. BE	JUL. 04	AUG. 94	0CT.04	TOTAL	:	COLUMN			NOV. 03	DEC. 03	LAN. OF	MAR. 04	APR. 04	S S S	JUL. 04	SEP. CE	SCI. 08	TOTAL

66		TABMGTC	(86+26+96)	\$3,266,688	\$3,522,250	\$3,813,259	\$3,251,876	\$3,278,149	\$2,199,940	8	8	\$	8	8	œ.	\$19,332,162
86 3/6	VANS	TOTAL	BM(PPL)*	 23 	\$	S	\$	S	8	S	S	Ş	S	S	9	8
96 97	TOTAL	BM(TGPL)	50, 95	\$516,453	\$583,986	\$577,393	\$552,753	\$505,675	\$448,770	8	8	9	\$	2	9	\$3,185,030
96	TOTAL	BM(TGT)	COL 61	\$2,750,235	\$2,938,264	\$3,235,866	\$2,699,123	\$2,772,474	\$1,751,170	0\$	3	3	<u>\$</u>	2	OS.	\$16,147,132
COLUMN			MONTH	NOV 03	DEC 03	JAN. 04	FEB.04	MAR. 04	APR 04	MAY 04	JUN 04	JUL. 04	AUG. 04	SEP. 04	OCT. 04	TOTAL

THERE WERE NO TRANSACTIONS WHICH REQUIRED ICAE TO USE PIPELINE SERVICES OTHER THAN THOSE IT HAD INDER CONTRACT. THEREFORE NO PROXY PIPELINE BENCHMARK HAS BEEN CALCULATED.

PBR-TIF CALCULATION OF ANNUAL ACTUAL GAS TRANSPORTATION COSTS ("AAGTC")

LOUISVILLE GAS AND ELECTRIC COMPANY
CALCULATION OF TOTAL ACTUAL ANNUAL GAS TRANSPORTATION COSTS ("TAAGTC")
FOR PBR TRANSPORTATION INDEX FACTOR ("TIF")

ĸ	TOTAL ANNUAL ACTUAL GAS TRANSPORTATION COSTS ("TAAGTC")	\$2,989,537 \$3,164,964 \$3,338,444 \$2,971,909 \$3,028,920 \$1,807,118 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$17,300,892
4	ACTUAL ANNUAL GAS TRANSPORT. COSTS - TENNESSEE	\$339,248 \$347,321 \$350,495 \$342,543 \$340,369 \$329,664 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$2,049,640
-	ACTUAL PIPELINE TRANSPORTATION COSTS - TEXAS GAS	\$2,650,289 \$2,817,643 \$2,987,949 \$2,688,551 \$1,477,454 \$1,477,454 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$15,251,252
COLUMN	MONTH	NOV. 03 DEC. 03 JAN. 04 FEB. 04 APR. 04 APR. 04 JUN. 04 JUL. 04 SEP. 04 OCT. 04	TOTAL

PBR-TIF CALCULATION OF SAVINGS AND/OR EXPENSES

LOUISVILLE GAS AND ELECTRIC COMPANY CALCULATION OF SAVINGS AND EXPENSE UNDER PBR TRANSPORTATION INDEX FACTOR ("TIF")

ო	SAVINGS (EXPENSE)	\$277,151 \$357.286	\$474,815	\$279,967	\$249,229	\$392,822	80	0\$	80	0\$	0\$	0\$	\$2,031,270
2	TAAGTC	\$2,989,537 \$3,164,964	\$3,338,444	\$2,971,909	\$3,028,920	\$1,807,118	\$0	\$0	\$0	\$	\$0	0\$	\$17,300,892
-	TABMGTC	\$3,266,688 \$3,522,250	\$3,813,259	\$3,251,876	\$3,278,149	\$2,199,940	\$0	0\$	\$0	\$0	\$0	\$0	\$19,332,162
COLUMN	ł	NOV. 03 DEC. 03	JAN. 04	FEB. 04	MAR. 04	APR. 04	MAY 04	JUN. 04	JUL. 04	AUG. 04	SEP. 04	OCT. 04	TOTAL

PBR-TIF TARIFF SHEETS

PBR-TIF TEXAS GAS TARIFF SHEETS RATE NNS

Currently Effective Rates (5)	0.1053 0.0179 0.1391	0.2820 0.0400 0.3379	0.3138 0.0453 0.3750	0.3526 0.0554 0.4239	0.4154 0.0630 0.4943	
FERC ACA (4)	0.0021	0.0021	0.0021	0.0021	0.0021	
GRI (1)	0.0016 0.0040 0.0040	0.0016 0.0040 0.0040	0.0016 0.0040 0.0040	0.0016 0.0040 0.0040	0.0016 0.0040 0.0040	0.0060 0.0169 0.0192 0.0207
Sec. 33.3 Surcharge (2)	0.0175	0.0175	0.0175	0.0175	0.0175	3
Buse Tarriff Rates (1)	0.1037 0.0118 0.1155	0.2804 0.0339 0.3143	0.3122 0.0392 0.3514	0.3510 0.0493 0.4003	0.4138 0.0569 0.4707	Demand 5-0-; Commodity - Zone Zone Zone Zone Zone Zone Zone Zone
Zone S1.	Daily Demand Commodity Overrun Zone 1	Daily Demand Commodity Overrun	Dally Demand Commodity Overrun Zone 3	Daily Demand Commodity Overrun Zone 4	Daily Demand Commodity Overrun	Minimum Rate: D

=

GRI surcharge applicable pursuant to Section 22 of the General Terms and Conditions. The NNS daily demand adjustment for low load factor customers (load factor of 50% or less) is \$0.0010.

PBR-TIF TEXAS GAS TARIFF SHEETS RATE FT

Thirty-Seventh Revised Sheet No. 11 Superseding Thirty-Sixth Revised Sheet No. 11

Currently Effective	Kates	(3)	0.0767	0.1690	0.2073	0.2487	0.3010	0.1384	0.1767	0.2177	0.2704	0.1188	0.1609	0.2141	0.1238	0.1773	3051 0
	GR1 (1)	(2)	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016
Base Turiff	Kates	(1)	0.0751	0.1674	0.2057	0.2471	0.2994	0.1368	0.1751	0.2161	0.2688	0.1172	0.1593	0.2125	0.1222	0.1757	0.1290
			SL-SL	SL-1	IL-2	13	SL-4	-1	-2	-3	4-	2	-3	4.	-3	4-	4-4

Backhaul rates equal fronthaul rates to zone of delivery.

Note: The maximum reservation charge component of the maximum firm volumetric capacity release rate shall be the applicable maximum daily demand rate herein pursuant to Section 25 of the General Terms and Conditions.

GRI surcharge applicable pursuant to Section 22 of the General Terms and Conditions. The FT daily demand adjustment for low load factor customers (load factor of 50% or less) is \$0.0010. Ê

			Currently
Base Tariff		FERC	Effective
Kares	GRI	ACA	Kates
(1)	(2)	(3)	(4)
0.0089	0.0040	0.0021	0.0150
0.0267	0.0040	0,0021	0.0328
0.0354	0.0040	0.0021	0.0415
0.0458	0.0040	0.0021	0.0519
0.0517	0.0040	0.0021	0.0578
0.0222	0.0040	0.0021	0.0283
0.0326	0.0040	0.0021	0.0387
0.0417	0.0040	0.0021	0.0478
0.0468	0.0040	0.0021	0.0529
0.0177	0.0040	0.0021	0.0238
0.0278	0.0040	0.0021	0.0339
0.0329	0.0040	0.0021	0.0390
0.0174	0.0040	0.0021	0.0235
0.0225	0.0040	0.0021	0.0286
0.0126	0.0040	0.0021	0.0187

PBR-TIF TEXAS GAS TARIFF SHEETS RATE STF

Eighth Revised Sheet No. 11D Superseding Seventh Revised Sheet No. 11D

Currently Effective Maximum Transportation Rates (S per MMBtu) for Service under Rate Schedule STF and STFX

Pe	ak (Winter)-D	emand	Off-Peak (Summer)-Demand						
Зазе		Currently	Base		Currently				
Tariff		Effective	Tariff		Effective				
Rates	GRI(1)	Rates	Rates	SRI(1)	Rates				
0.1122	0.0016	0.1138	0.0439	0.0016	0.0505				
0.2503	0.0016	0.2519	0.1089	0.0016	0.1105				
0.3076	0.0016	0.3092	0.1338	0.0016	0.1354				
0.3695	0.0016	0.3711	0.1607	0.0016	0.1623				
C.4478	0.0016	0.4494	0.1947	0.0016	0.1963				
C. 2045	0.0016	0.2061	0.0890	0.0016	0.0906				
0.2618	0.0016	0.2634	0.1139	0.0016	0.1155				
0.3232	0.0016	0.3243	0.1405	0.0016	0.1421				
0.4020	0.0016	0.4036	0.1743	0.0016	C.1764				
3.1751	0.0016	0.1767	0.0753	0.0016	a.0779				
0.2382	0.0016	0.2398	0.1036	0.0016	0.1052				
2.3178	0.0016	0.3194	0.1382	0.0016	0.1398				
0.1827	0.0016	0.1843	0.0795	0.0016	0.0811				
0.2627	0.0016	0.2643	0.1143	0.0016	0.1159				
0.1929	0.0016	0.1945	0.0839	0.0016	0.0855				
	Base Tariff Rates 3.1122 2.2503 0.3076 0.3695 0.4478 0.2045 0.2618 0.3232 0.4020 0.1751 0.2382 0.3178 0.1827 0.2627	Base Tariff Rates GRI(1) 0.0016 0.2503 0.0016 0.3076 0.0016 0.3695 0.0016 0.4478 0.0016 0.2618 0.0016 0.2618 0.0016 0.3232 0.0016 0.3232 0.0016 0.3232 0.0016 0.3232 0.0016 0.3232 0.0016 0.3232 0.0016 0.3232 0.0016 0.3232 0.0016 0.3232 0.0016 0.3232 0.0016 0.3232 0.0016 0.3232 0.0016 0.3232 0.0016 0.3232 0.0016 0.3232 0.0016 0.3232 0.0016 0.3232 0.0016 0.3232 0.0016 0.3232 0.0016	Base Currently Tariff Effective Rates GRI(1) Rates	Base Currently Base Tariff Effective Tariff Rates GRI(1) Rates Rates 1-122 0.0016 0.1138 0.0489 0.2503 0.0016 0.2519 0.1089 0.3076 0.0016 0.3092 0.1338 0.3695 0.0016 0.3711 0.1607 0.4478 0.0016 0.4494 0.1947 0.2045 0.0016 0.2634 0.1139 0.3232 0.0016 0.3248 0.1405 0.4020 0.0016 0.4036 0.1743 0.1751 0.0016 0.1767 0.0763 0.2382 0.0016 0.2398 0.1036 0.3178 0.0016 0.3194 0.1382 0.1827 0.0016 0.1843 0.0795 0.2627 0.0016 0.2643 0.1143	Base Currently Base Tariff Effective Tariff Rates GRI(1) Rates Rates GRI(1) 2.1122 0.0016 0.1138 0.0489 0.0016 2.2503 0.0016 0.2519 0.1089 0.0016 0.3076 0.0016 0.3092 0.1338 0.0016 0.3695 0.0016 0.3711 0.1607 0.0016 0.4478 0.0016 0.4494 0.1947 0.0016 0.2045 0.0016 0.2634 0.1139 0.0016 0.2618 0.0016 0.3248 0.1405 0.0016 0.3232 0.0016 0.4036 0.1743 0.0016 0.4020 0.0016 0.4036 0.1743 0.0016 0.2382 0.0016 0.2398 0.1036 0.0016 0.2382 0.0016 0.3194 0.1382 0.0016 0.1327 0.0016 0.1843 0.0795 0.0016 0.2627 0.0016				

Note: The STF commodity rate is the applicable FT commodity rate on Sheet No. 11A.

The STF overrun rate equals the daily demand rate plus applicable FT commodity rate.

Minimum rate: Demand \$-0- The minimum commodity rate is presented on Sheet 12A.

STF Premium for Term Differentiation within Season

A	Peak (Winter) S	eason:	(B) Off-Peak (Simmer)	Season:			
		Allowable		Allowable			
		Contract		Contract			
	Sontract Term	Premium(2)	Contract Term	Premium:3;			
			,				
	Up to 1 month	up to 25 cents	Up to 1 month	up to 25 cents			
	Greater than 1		Greater than 1				
	month, up to		month, up to				
	150 days	up to 10 cents	213 days	up to 10 sents			

FI CRI surpharge applicable pursuant to Section 22 of the General Terms and Conditions. The FT daily demand adjustment for low load factor customers (load factor of 50 percent or less is \$2,000).

Issued by: H. Dean Jones II, Vice President, Commercial Operation
Issued on: April 28, 2003 Effective on: June 1, 2003

⁽²⁾ Above Base Winter Demand Rate

^{13;} Above Base Summer Demand Rate

PBR-TIF TENNESSEE TARIFF SHEETS RATE FT-A

RP03-126 ACCEPTED 12/20/02

Twenty-Second Revised Sheet No. 23 Superseding

Twenty-First Revised Sheet No. 23

	FIRM TRANSPORTATION RATES RATE SCHEDULE FOR FT-A								
ase Reservation Rates					DELIVER				
•••••	RECEIPT ZONE	^							
	2300			1		3		5	6
	3	\$3.10							\$16.53
	L		\$2.71					******	• • • • • • • • • • • • • • • • • • • •
	1								\$15.15
	2	\$9.06							\$10.39
	3	\$10.53 \$12.53							\$10.14
	5	\$14.09		\$11.00	50.32	56.08	52.71	53.38	\$5.89 \$4.93
	ć	\$16.59				\$10.14			
urcharges									
	RECEIPT				DELIVER				
	ZONE	0	L	1	2	3	4	5	6
PCB Adjustment: 1/	o	\$0.00				\$0.CO			\$0.00
	L		\$0.00						
		\$3.00				\$0.00			
	2	\$0.00				\$0.00			
	3	\$0.00				\$3.00			
	5	\$0.00 \$0.00		\$3.00		\$0.00			
	3	50.00				\$0.00 \$3.23			
xinum Reservation Rates 2/,					DELIVERY				
	ZONE	0		1				5	
•					•••••	• • • • • • •			
	0	\$3.10			\$9.05	\$10.53	\$12.22	\$14.09	\$15.59
	L		\$2.71						
	<u>.</u> 2	\$6.66		\$4.92					
	3	\$9.06 \$10.53				54.32			
	4	\$12.53		\$11.08		\$2.05			
	5	\$14.09		\$12.64		\$7.54			
	6	\$15.59				\$10.14			
nimum Base Reservation Rates	The mini	mum FT-A	Reserva	tion Rate	e is \$0.	00 per C	t h		
tes:									
PCB adjustment surcharge of 2000, was revised and the the Stipulation and Agreem November 29, 1995 and Febr	PCB Adjus ent filed	tment Per lon May 1	riod has	been ex	tended u	ntil Jun	e 30, 20	C4 as re	mulied by
Maximum rates are inclusiv Gas Research Institute Cha	e of base rge (GRI)	rates an	30 for	Firm Trac	Esportat:	ion with	>+ 52 1	Load Fac	tor and
\$0.0310 for Firm Transport	ation wit	h < 50% L	oad Fac	cor are :	not incl	uded in :	the above	e maximu	m rates

Issued by: Jake Hiatt, Vice President Issued on: November 27, 2002 Effective on: January 1, 2003 Filed to comply with order of the Federal Energy Regulatory Commission, Docket No. RP02-354, issued September 19, 2002

TENNESSEE GAS PIPELINE COMPANY FERC Gas Tariff FIFTH REVISED VOLUME NO. 1

Thirteenth Revised Sheet No. 23A
Superseding
Substitute Twelfth Revised Sheet No. 23A

					COMMO			=				
				7.A.T	E SCHE							
											••	
Base Conmodity Rates		_			.IVERY							
	RECEIP ZONE			· · · · · · · · · · ·					• • • • •			
	2081		د 		2		3	4		5		•
	9	\$0.0419	,	\$0.0663								
	L		\$3.0286								•	
	1	\$0.066	•	\$0.0572	\$0.07	6 \$0	0.0574	50.101	4 \$2.	1126	. 50	. 150
	2	\$0.0880		\$0.0776								
	3	50.0978		\$3.0374								
	4 5	\$0.1123 \$0.1231		\$0.1025								
	6	\$0.1608		\$0.1126 \$0.1503								
Minimum Commodity Rates 3/				DEL	IVERY 2	CNE						
•••••	RECE: PO	• • • • • • • • • • • • • • • • • • • •	• • • • • • • •		· · · · · ·				-	<i>-</i> -		
	ZCNE		L	1	2		3	4	!	5		6
	_						• • • • •				• • • •	
	O L	\$0.0016		\$0.0094	\$2.016	1 50	.0191	\$3.023	3 50.	259	\$ 3 .	0326
	1	50.0096	\$0.0034	\$3.3067	60 013		0150					
	2	\$0.0151		\$0.0129								
	3	50.0191		\$0.0159								
	4	\$0.0237		\$3.0205								
	5	\$0.0268		\$3 0236								
	6	\$3.0316		\$3.0294								
Maximum Commodity Rates 1/, 2/, 3/				221	VERY 2	ONE						
	RECEIPT		• · ·		·		· ·	· • • • • • •				
	ZONE	٥	L	1	2		3	4	5			6
	3 <u>5</u>	\$3.2500	\$2 0347	"\$0.0730	\$3.094	. 50.	1039	\$0.1173	\$3.1	292	S D . :	1669
	,	\$3.0733		\$0.0633	en nan-	,	C 3 3 5					
	2	50.0941		50 0837								
	3	\$3.1239		\$0 0935								
	4	\$0.1190		50.1086								
	5	\$0.1292		50.1187								
	6	\$0.1659		\$0.1564	\$0.1220	\$3.	1203	\$0.0895	\$0.0	926	so o	נטרנ
Notes												
			_									
1/ The above maximum rates incl >ACA Annual Charge Adjustme		Din cha	rge for:			_						
(GRI Gas Research Institute							0021					
GRI will not be assessed if		rrently	being pa	id on an.	other p		0043 ine.					
7/ The TCSS Surcharge is only a	pplicable	to deli	veries i	n the su	oply an		s defi	ined on	Sheen	N 7	1.4	2.
This surcharge is not includ (TCSS. Transition Cost Surch	ed in the	Maximum	Rates M	atrix.		\$3.0			₩		.,	•
	_					-						
3/ The applicable fuel retention rendered solely by displacement	n percent ent, ship	ages are per shall	listed of render	on Sheet only the	No. 29 quant	. pro	vided of gas	l that f	or se ated	svis With	e	

Issued by: Jake Hiatt, Vice President
Issued on: November 27, 2002 Effective on: January 1, 2003
Filed to comply with order of the Federal Energy Regulatory Commission, Docket
No. RP02-354, issued September 19, 2002

PBR-OSSIF SUPPORTING CALCULATIONS

PBR-OSSIF CALCULATION OF OFF-SYSTEM SALES REVENUE ("OSREV"), OUT-OF-POCKET COSTS ("OOPC"), AND NET REVENUE ("NR")

LOUISVILLE GAS AND ELECTRIC COMPANY CALCULATION OF NET REVENUE UNDER PBR OFF-SYSTEM SALES INDEX FACTOR ("OSSIF")

2	NET REVENUE ("NR") (1 - 6)	\$36,225 \$876,526 \$138,098 \$0 \$198,049 \$12,175 \$12,175 \$0 \$0 \$0	\$1,261,073
9	TOTAL	\$1,555,641 \$3,359,823 \$2,081,914 \$0 \$4,057,151 \$267,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$11,321,529
Ŋ	S ("OOPC") OTHER COSTS		0\$
4	OUT OF POCKET COSTS ("OOPC") STORAGE COSTS ("SC")		\$0
ო	OUTERANSPORT		\$ 0
2	GAS COSTS ("GC")	\$1,555,641 \$3,359,823 \$2,081,914 \$0 \$4,057,151 \$267,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$11,321,529
₩.	OFF-SYSTEM SALES REVENUE ("OSREV")	\$1,591,866 \$4,236,349 \$2,220,012 \$0 \$4,255,200 \$279,175 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$12,582,602
COLUMN	ļ	NOV 03 DEC 03 JAN 04 FEB 04 MAR. 04 APR. 04 JUL. 04 JUL. 04 AUG. 04 SEP 04 OCT. 04	TOTALS